

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021521\
 Data File : VW020328.D
 Acq On : 15 Feb 2021 15:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Feb 16 00:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 00:32:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	621743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	593797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331290	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	252194	55.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.26%
7) Chloroethane-d5	1.568	69	203548	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.46%
11) 1,1-Dichloroethene-d2	2.111	63	457065	53.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.68%
21) 2-Butanone-d5	3.886	46	282012	111.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.36%
24) Chloroform-d	4.352	84	429688	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
26) 1,2-Dichloroethane-d4	5.034	65	280410	54.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.66%
32) Benzene-d6	5.053	84	861849	56.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.04%
36) 1,2-Dichloropropane-d6	6.072	67	262486	57.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.30%
41) Toluene-d8	7.320	98	816482	56.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.94%
43) trans-1,3-Dichloroprop...	7.625	79	129724	55.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.82%
47) 2-Hexanone-d5	8.091	63	213999	112.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.00%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	359791	54.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.12%
64) 1,2-Dichlorobenzene-d4	11.632	152	337673	53.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.74%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	272228	49.24	ug/L 100
3) Chloromethane	1.243	50	241869	49.22	ug/L 98
5) Vinyl chloride	1.310	62	265763	50.23	ug/L 99
6) Bromomethane	1.523	94	170103	51.44	ug/L 97
8) Chloroethane	1.584	64	166795	50.40	ug/L 98
9) Trichlorofluoromethane	1.754	101	377128	50.16	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	207078	51.75	ug/L 93
12) 1,1-Dichloroethene	2.121	96	196779	51.02	ug/L 80
13) Acetone	2.179	43	194878	109.01	ug/L 95
14) Carbon disulfide	2.294	76	513104	45.14	ug/L 100
15) Methyl Acetate	2.433	43	199009	52.32	ug/L 93
16) Methylene chloride	2.510	84	217176	51.41	ug/L 89
17) trans-1,2-Dichloroethene	2.760	96	202895	50.74	ug/L 93
18) Methyl tert-butyl Ether	2.770	73	631581	52.01	ug/L 96
19) 1,1-Dichloroethane	3.191	63	374948	51.62	ug/L 99
20) cis-1,2-Dichloroethene	3.915	96	226948	52.77	ug/L 87
22) 2-Butanone	3.969	43	283156	111.37	ug/L 94
23) Bromochloromethane	4.252	128	119067	51.20	ug/L # 81
25) Chloroform	4.378	83	403389	53.03	ug/L 98
27) 1,2-Dichloroethane	5.133	62	315676	52.42	ug/L 97

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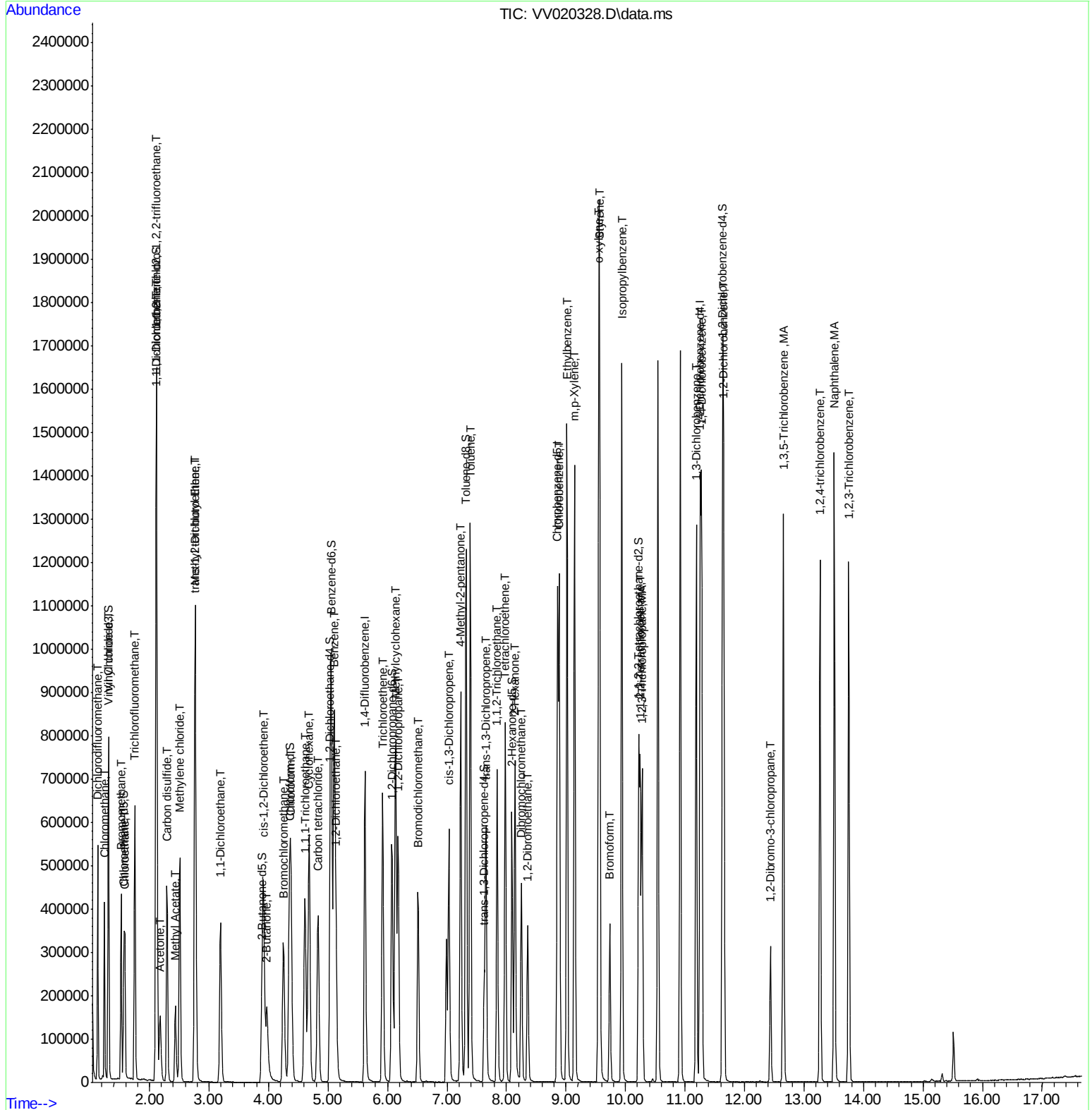
Instrument :
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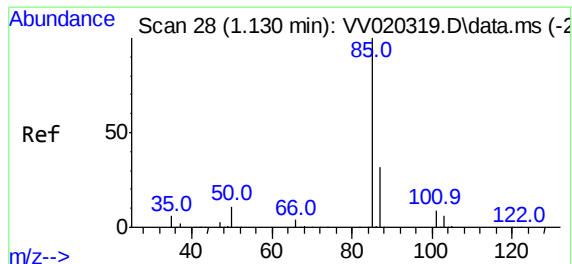
Quant Time: Feb 16 00:34:55 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	312684	51.94	ug/L	91
30) 1,1,1-Trichloroethane	4.612	97	345755	52.44	ug/L	97
31) Carbon tetrachloride	4.831	117	292888	51.08	ug/L	100
33) Benzene	5.101	78	849649	53.51	ug/L	100
34) Trichloroethene	5.918	95	231471	53.05	ug/L	96
35) Methylcyclohexane	6.137	83	339260	51.36	ug/L	93
37) 1,2-Dichloropropane	6.178	63	219105	54.48	ug/L	98
38) Bromodichloromethane	6.513	83	283900	51.36	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	340755	53.51	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	561900	110.81	ug/L #	93
42) Toluene	7.391	91	922467	52.82	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	331015	53.44	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	219797	53.10	ug/L	98
46) Tetrachloroethene	7.979	164	183771	51.54	ug/L	95
48) 2-Hexanone	8.143	43	429592	110.73	ug/L #	92
49) Dibromochloromethane	8.249	129	229377	50.22	ug/L	99
50) 1,2-Dibromoethane	8.355	107	232774	52.50	ug/L #	99
51) Chlorobenzene	8.886	112	614595	52.46	ug/L	97
52) Ethylbenzene	9.017	91	1029043	53.35	ug/L	99
53) m,p-Xylene	9.143	106	395377	53.83	ug/L	93
54) o-xylene	9.548	106	384473	53.77	ug/L	95
55) Styrene	9.564	104	674311	54.80	ug/L	96
56) Isopropylbenzene	9.937	105	1039397	54.17	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.249	83	338843	51.96	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	284647	52.79	ug/L	99
61) Bromoform	9.738	173	162751	48.28	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	506543	51.69	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	520341	51.78	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	505258	51.64	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	73296	48.83	ug/L	82
67) 1,3,5-Trichlorobenzene	12.654	180	396703	51.84	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	360878	53.15	ug/L	97
69) Naphthalene	13.509	128	1098416	56.49	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	358113	52.97	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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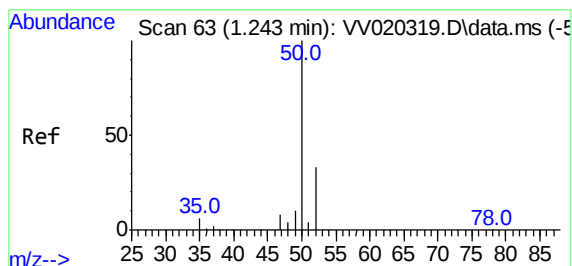
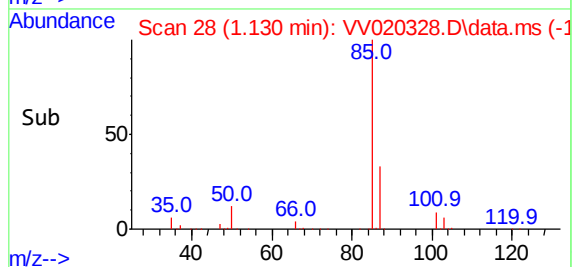
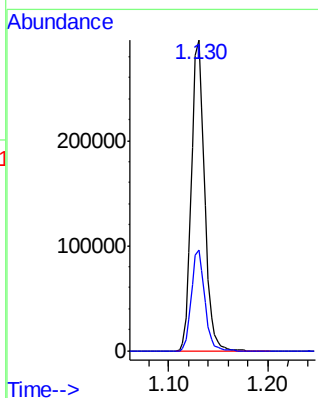
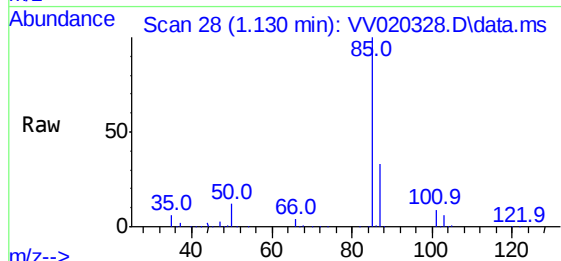


#2
 Dichlorodifluoromethane
 Concen: 49.24 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Tgt Ion: 85 Resp: 272228

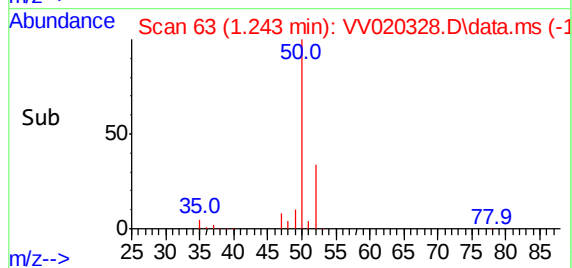
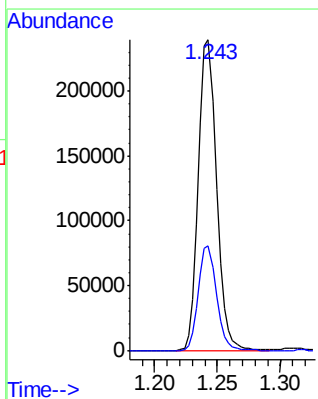
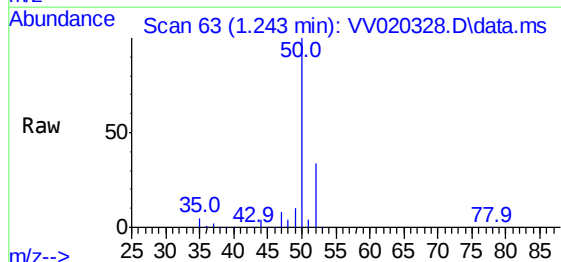
Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.9	38.9

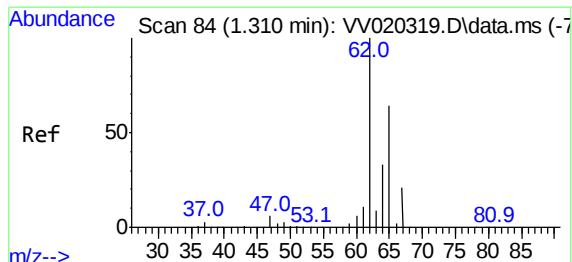


#3
 Chloromethane
 Concen: 49.22 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

Tgt Ion: 50 Resp: 241869

Ion	Ratio	Lower	Upper
50	100		
52	33.6	22.7	42.1

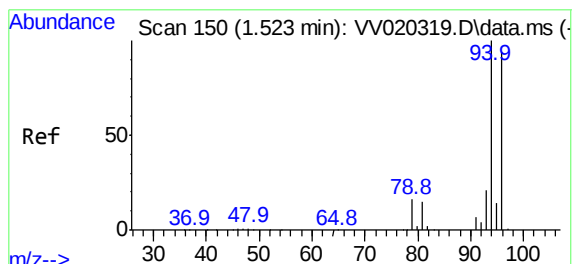
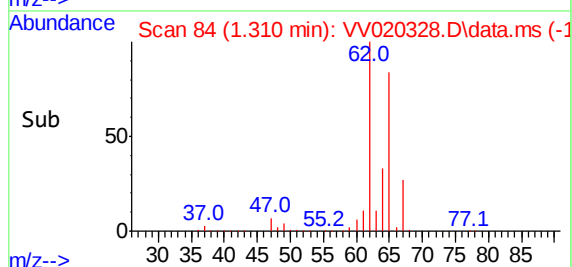
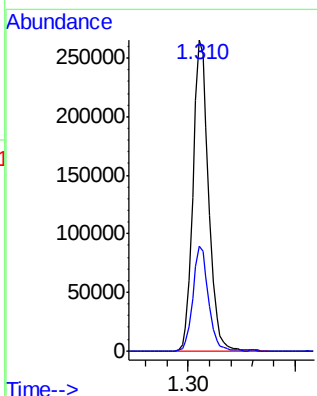
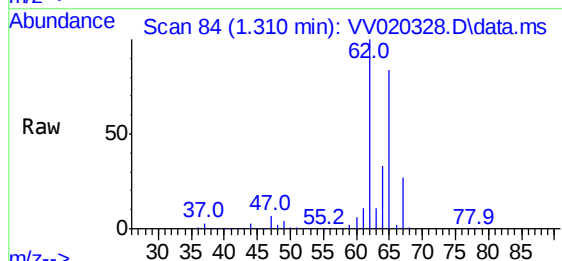




#5
 Vinyl chloride
 Concen: 50.23 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

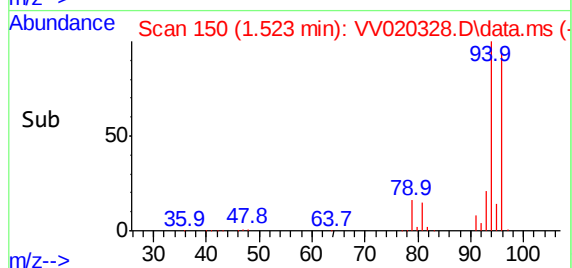
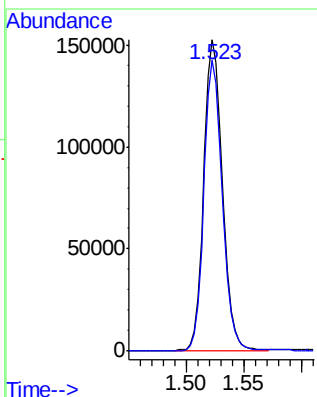
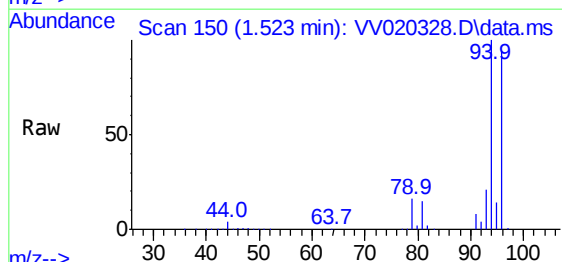
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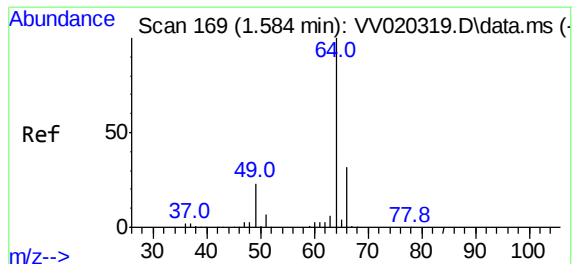
Tgt Ion: 62 Resp: 265763
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.6



#6
 Bromomethane
 Concen: 51.44 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

Tgt Ion: 94 Resp: 170103
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.6 118.2

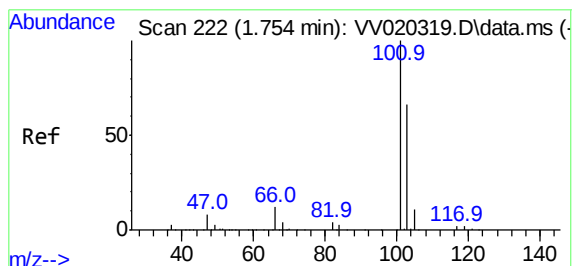
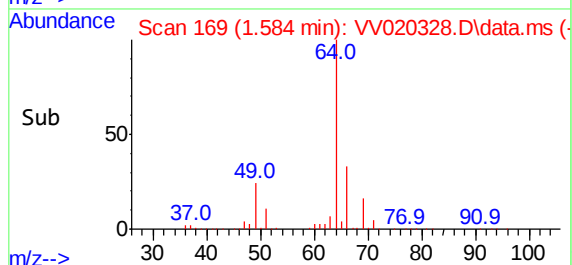
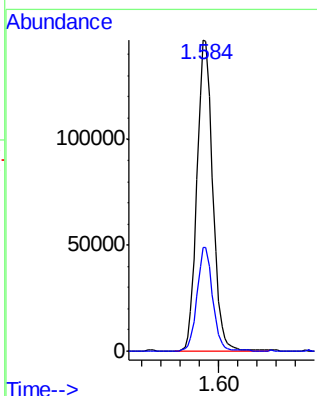
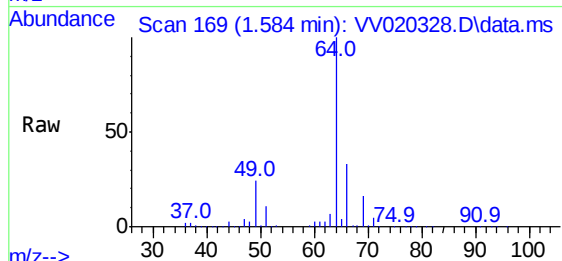




#8
Chloroethane
Concen: 50.40 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

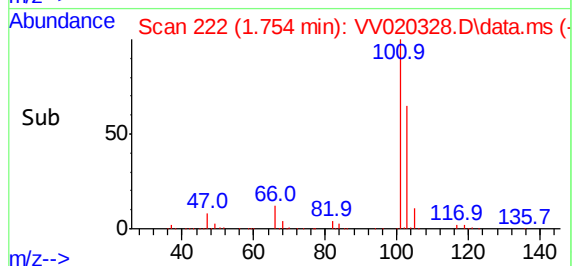
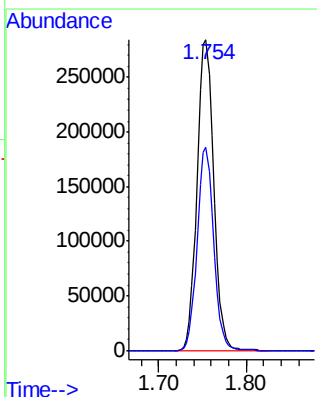
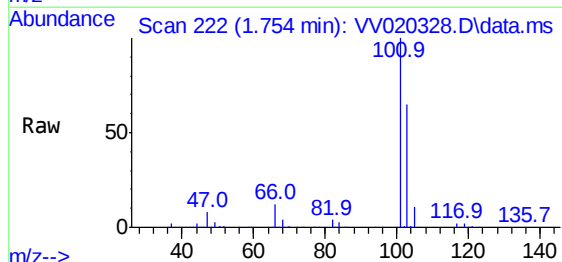
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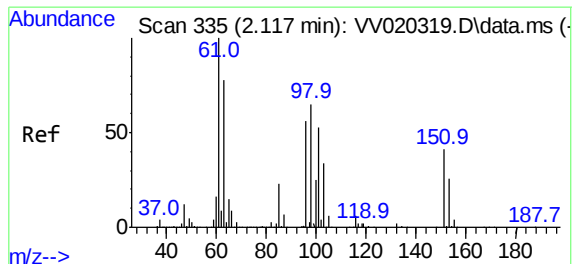
Tgt Ion: 64 Resp: 166795
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.16 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:101 Resp: 377128
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

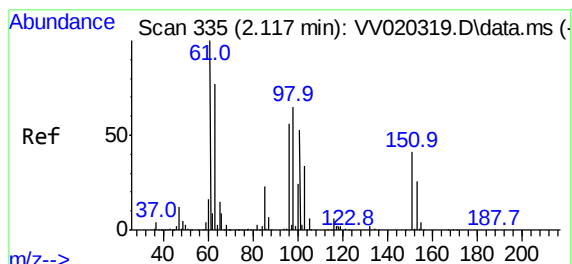
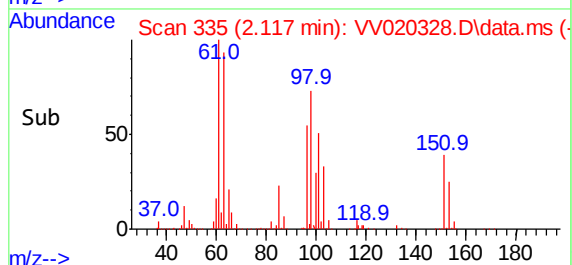
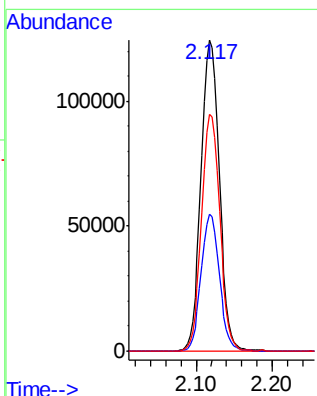
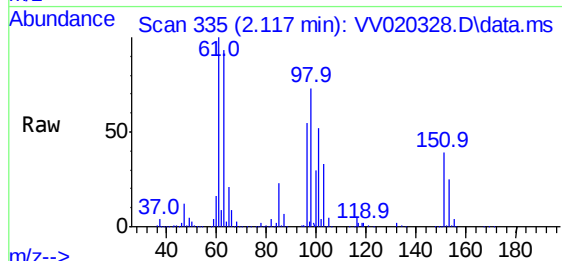




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.75 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

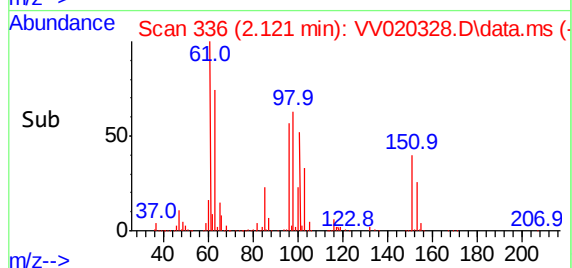
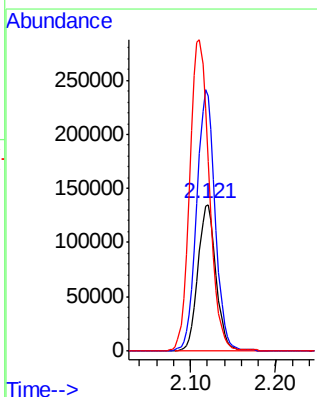
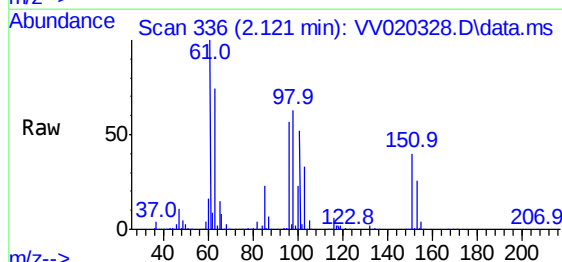
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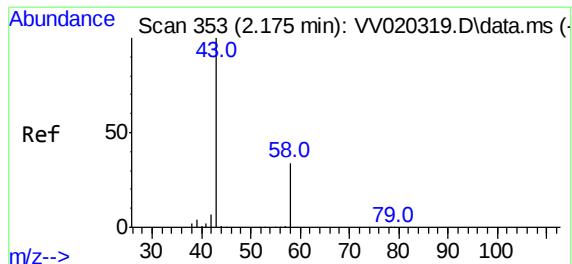
Tgt Ion:101 Resp: 207078
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.3 52.9
 151 76.1 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 51.02 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020328.D
 Acq: 15 Feb 2021 15:37

Tgt Ion: 96 Resp: 196779
 Ion Ratio Lower Upper
 96 100
 61 174.7 134.9 250.5
 63 129.4 117.6 218.4

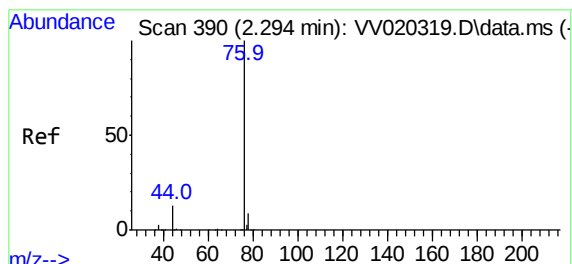
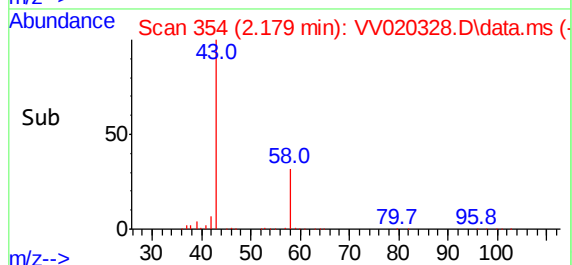
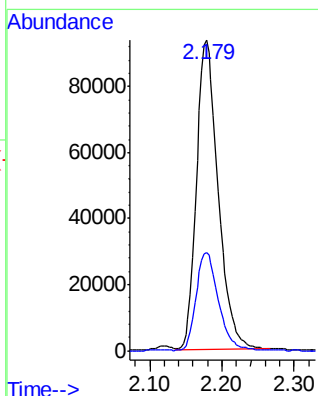
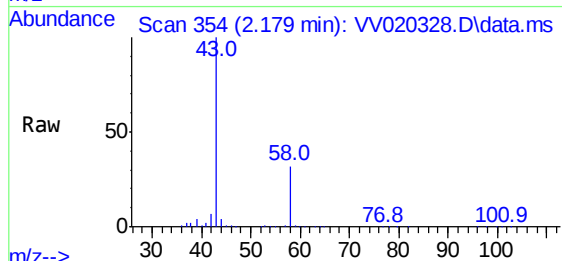




#13
Acetone
Concen: 109.01 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

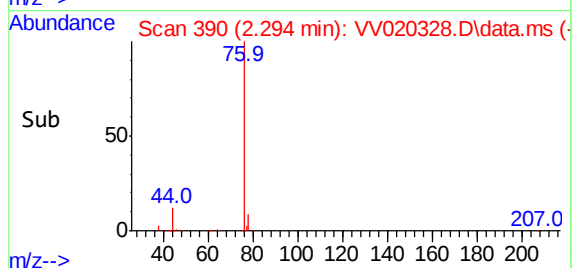
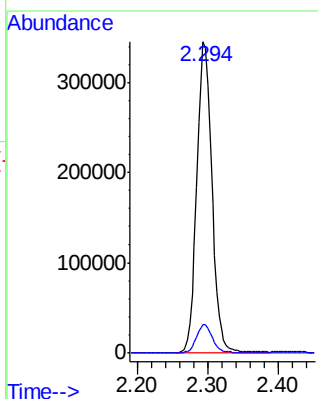
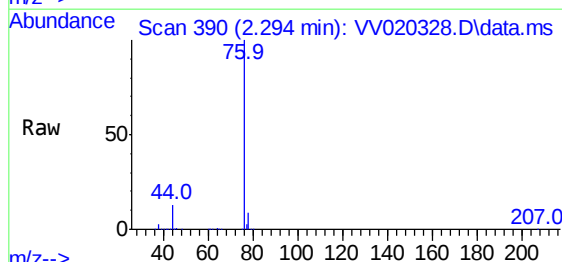
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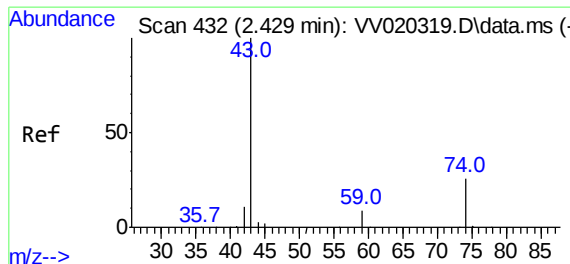
Tgt Ion: 43 Resp: 194878
Ion Ratio Lower Upper
43 100
58 33.1 0.0 60.2



#14
Carbon disulfide
Concen: 45.14 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 76 Resp: 513104
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

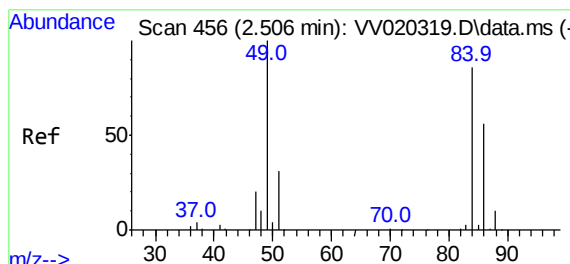
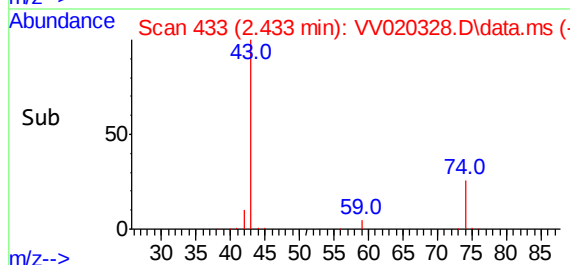
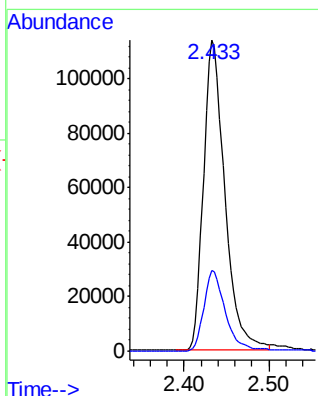
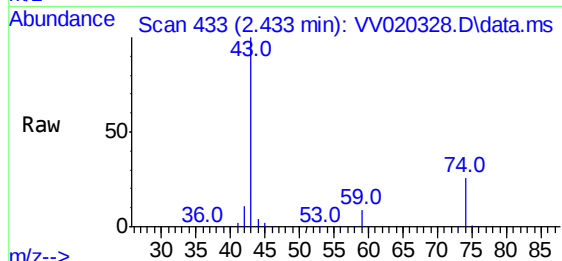




#15
Methyl Acetate
Concen: 52.32 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

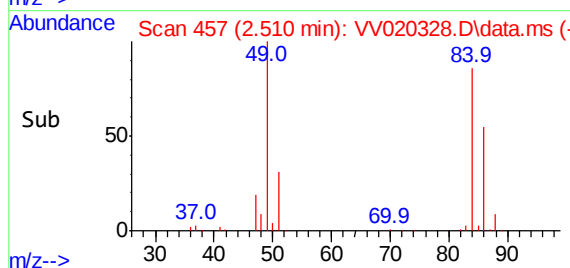
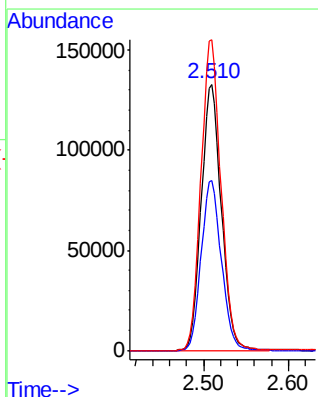
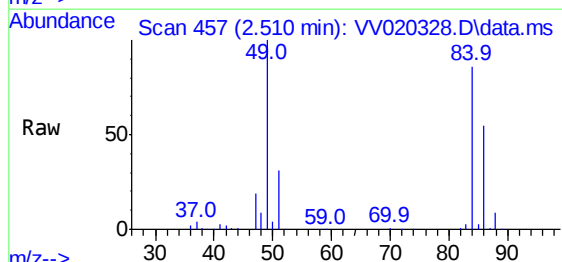
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

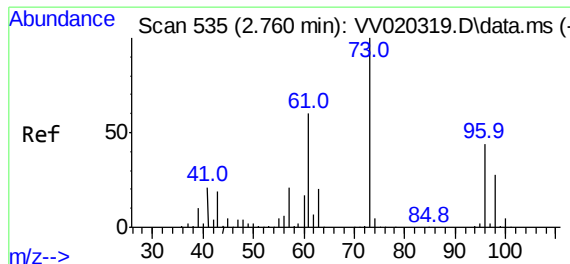
Tgt Ion: 43 Resp: 199009
Ion Ratio Lower Upper
43 100
74 25.5 17.6 26.4



#16
Methylene chloride
Concen: 51.41 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 84 Resp: 217176
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 116.6 94.6 175.8

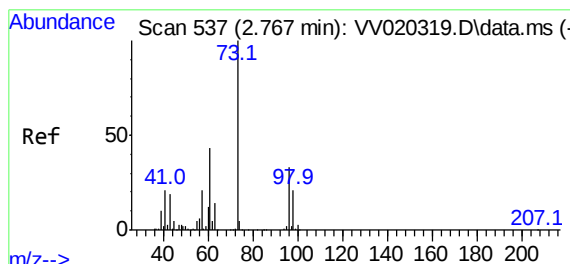
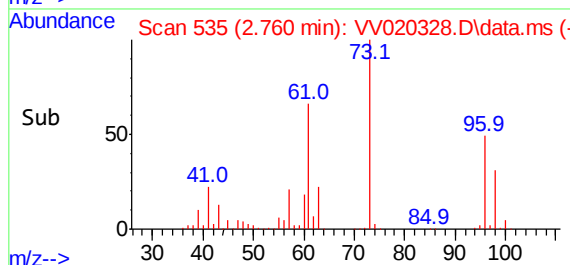
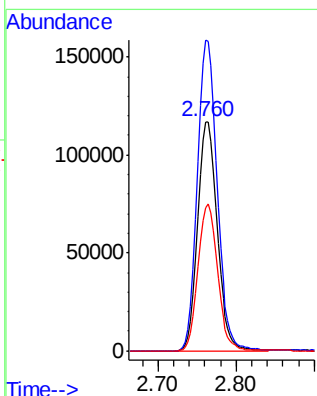
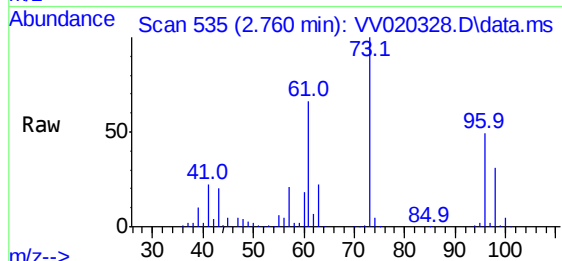




#17
trans-1,2-Dichloroethene
Concen: 50.74 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

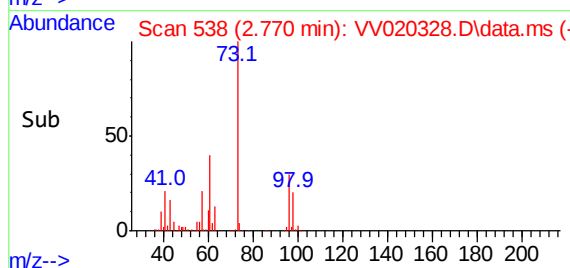
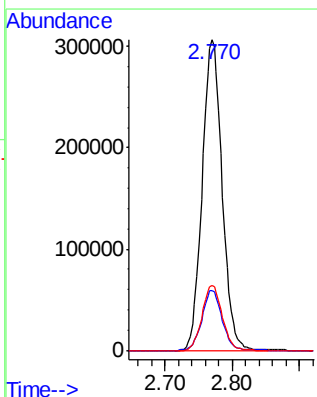
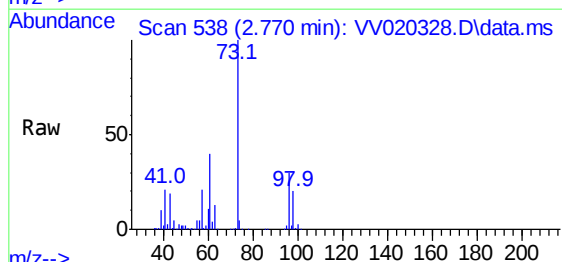
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

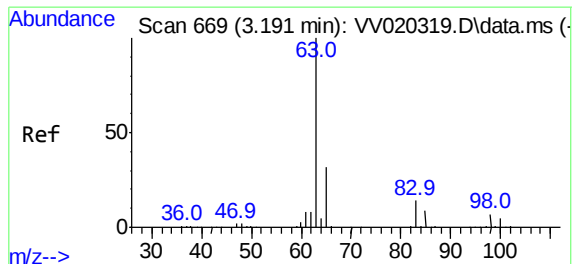
Tgt Ion: 96 Resp: 202895
Ion Ratio Lower Upper
96 100
61 135.5 103.1 191.5
98 62.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 52.01 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 73 Resp: 631581
Ion Ratio Lower Upper
73 100
43 19.3 17.3 25.9
57 21.1 17.9 26.9

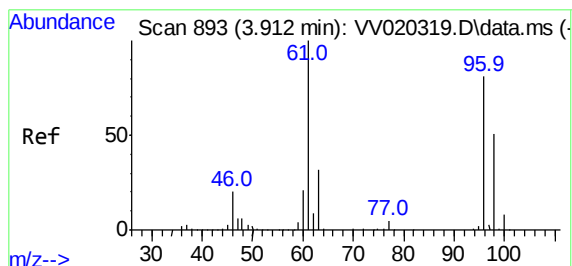
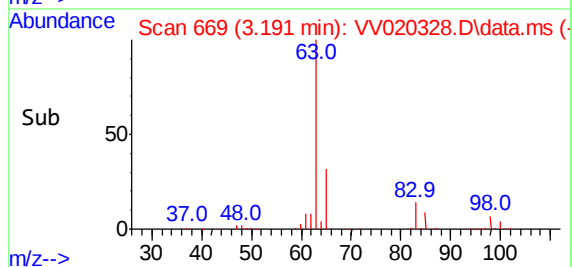
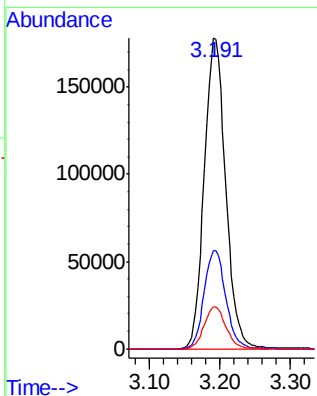
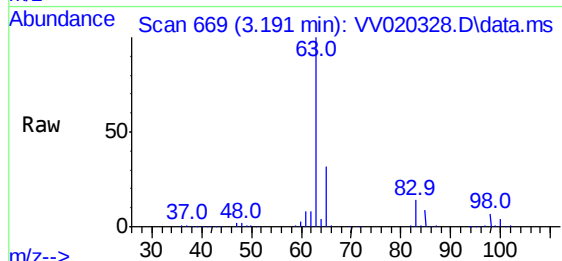




#19
1,1-Dichloroethane
Concen: 51.62 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

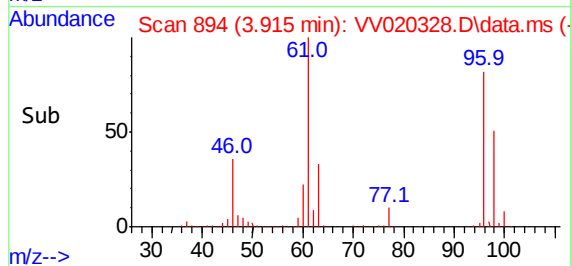
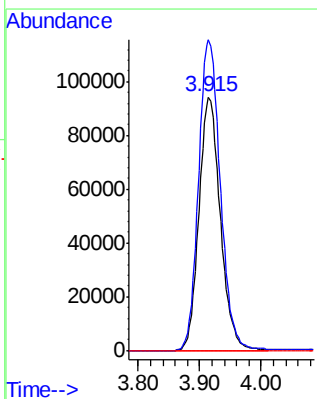
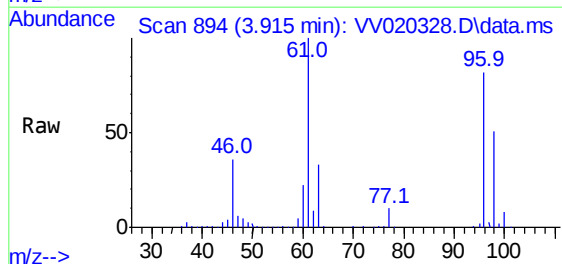
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

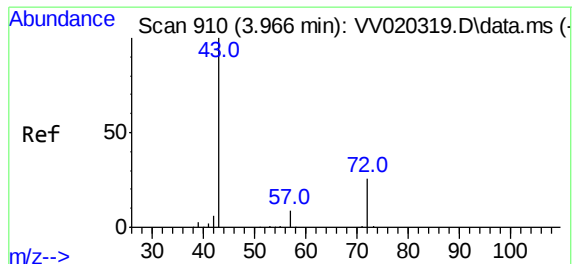
Tgt Ion: 63 Resp: 374948
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.77 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 96 Resp: 226948
Ion Ratio Lower Upper
96 100
61 122.5 96.9 179.9
68 0.0 0.0 0.0

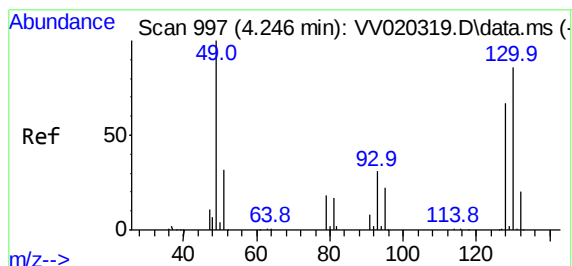
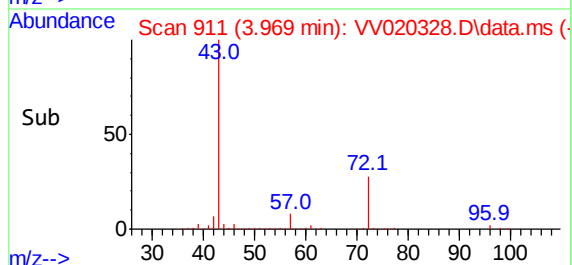
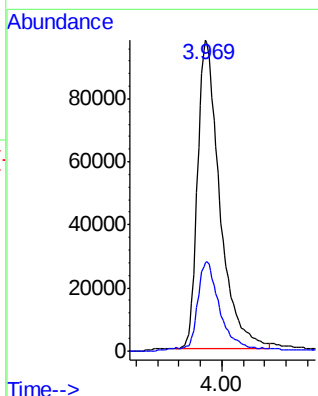
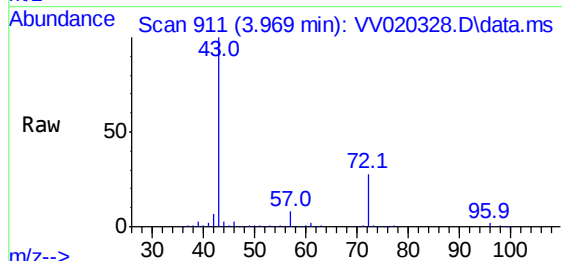




#22
2-Butanone
Concen: 111.37 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

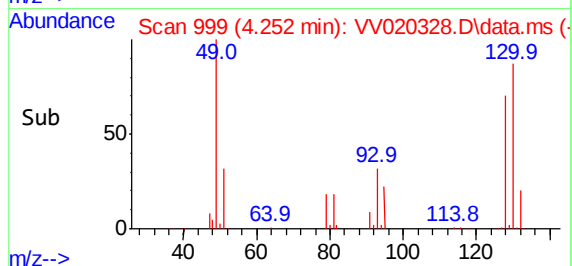
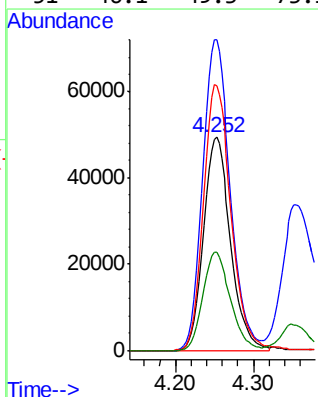
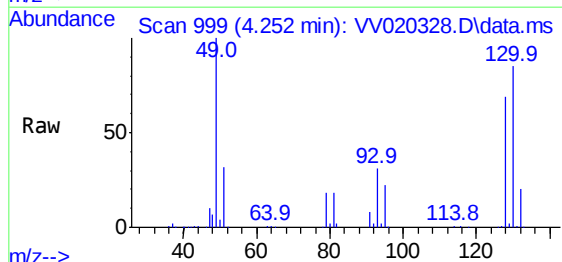
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

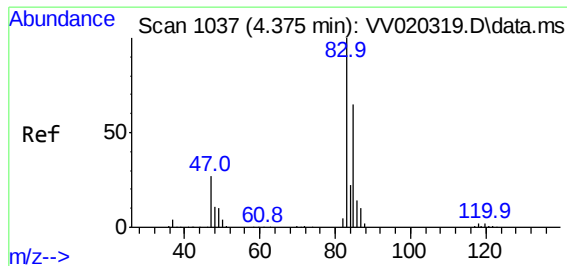
Tgt Ion: 43 Resp: 283156
Ion Ratio Lower Upper
43 100
72 27.4 12.2 36.6



#23
Bromochloromethane
Concen: 51.20 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:128 Resp: 119067
Ion Ratio Lower Upper
128 100
49 146.0 133.1 247.1
130 124.5 89.0 165.4
51 46.1 49.3 73.9#

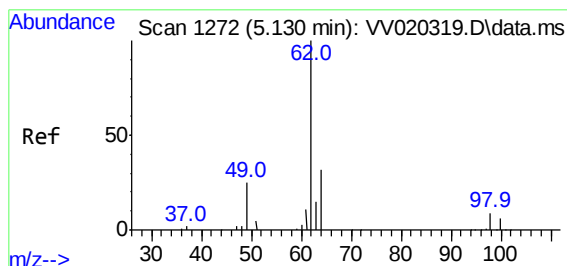
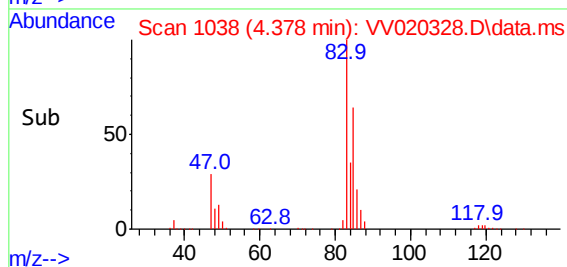
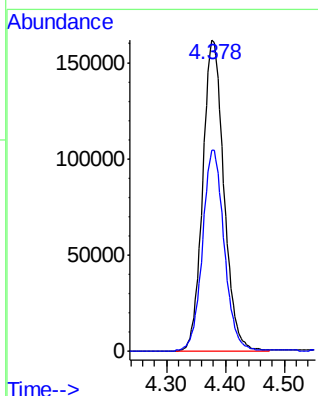
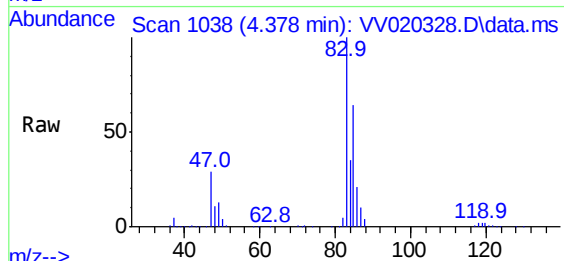




#25
Chloroform
Concen: 53.03 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

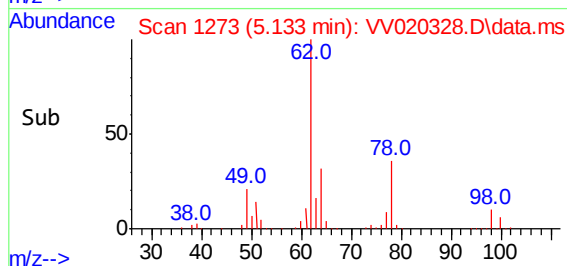
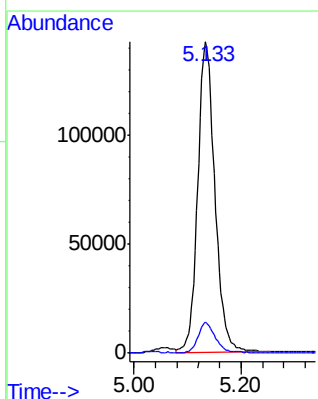
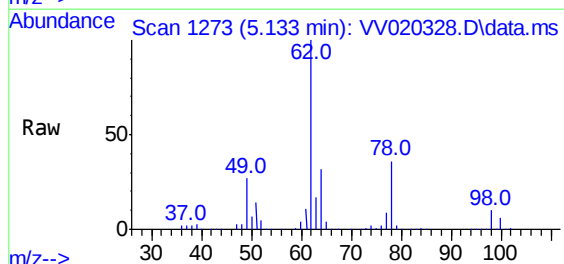
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

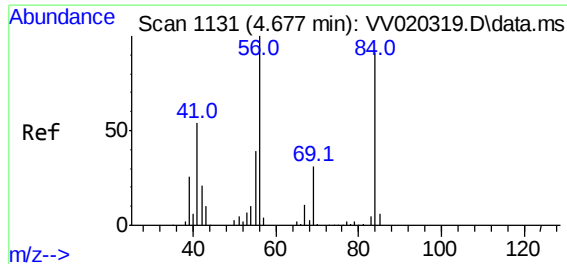
Tgt Ion: 83 Resp: 403389
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2



#27
1,2-Dichloroethane
Concen: 52.42 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 62 Resp: 315676
Ion Ratio Lower Upper
62 100
98 9.8 6.9 10.3



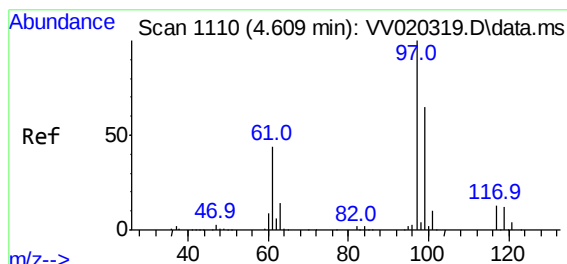
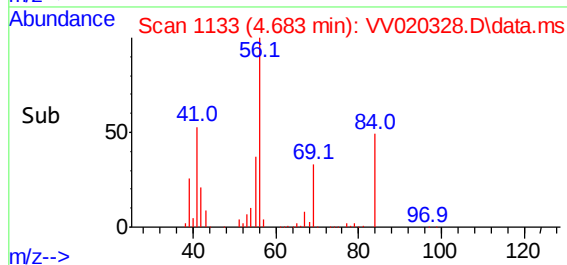
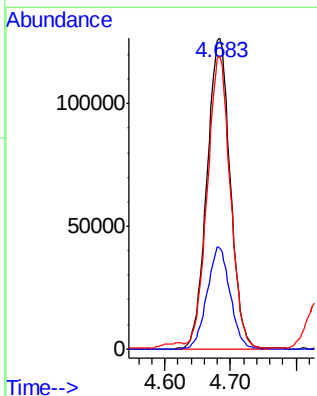
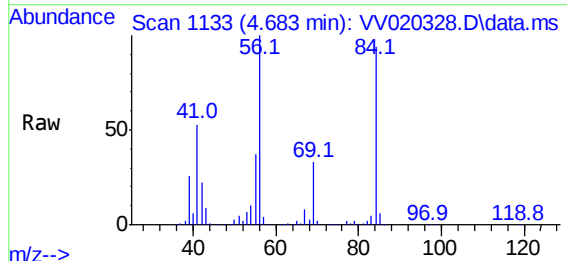


#29
Cyclohexane
Concen: 51.94 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion: 56 Resp: 312684

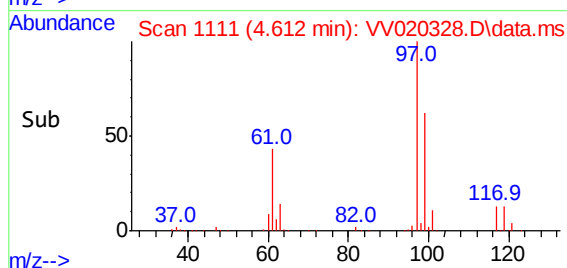
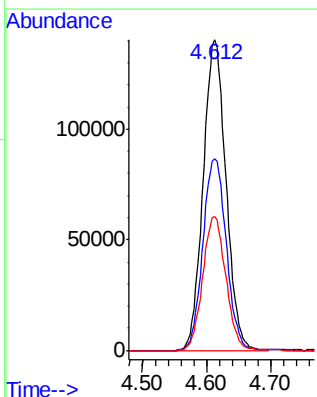
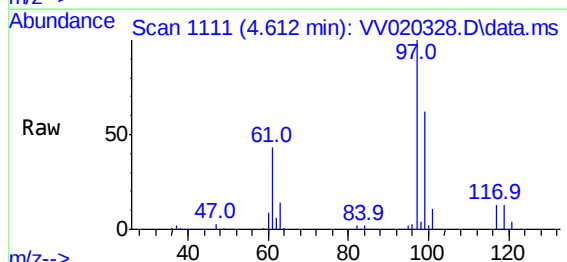
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.2	36.2
84	92.9	66.3	99.5

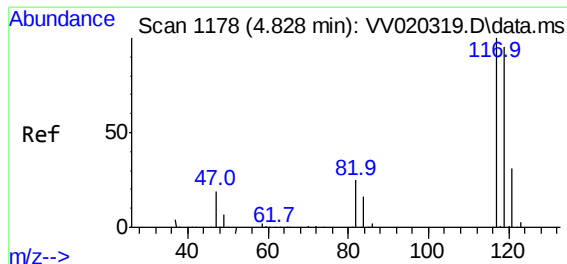


#30
1,1,1-Trichloroethane
Concen: 52.44 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 97 Resp: 345755

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	43.7	38.5	57.7

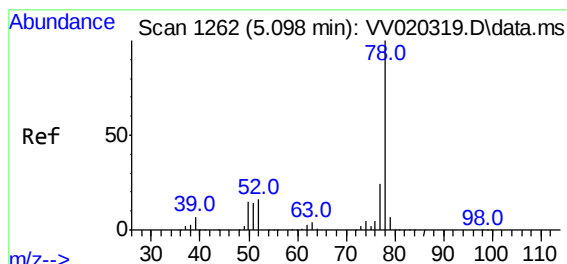
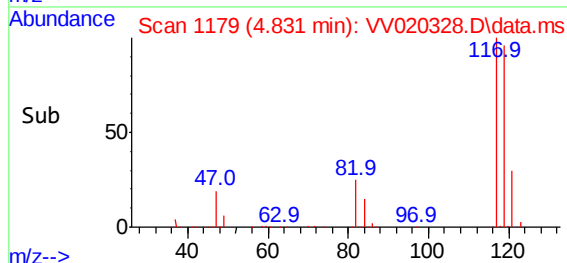
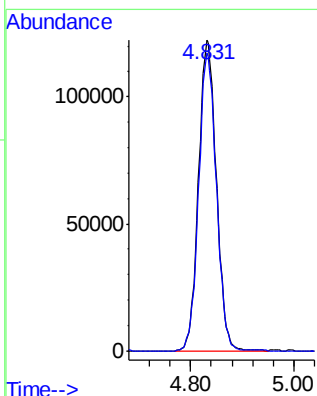
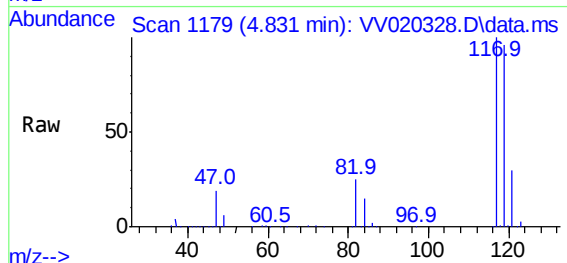




#31
Carbon tetrachloride
Concen: 51.08 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

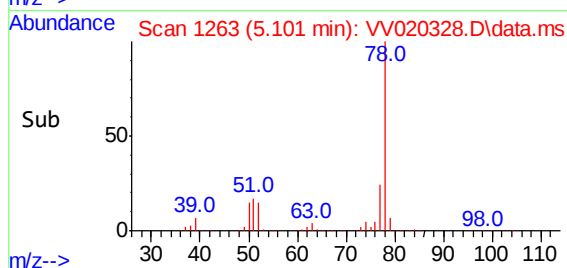
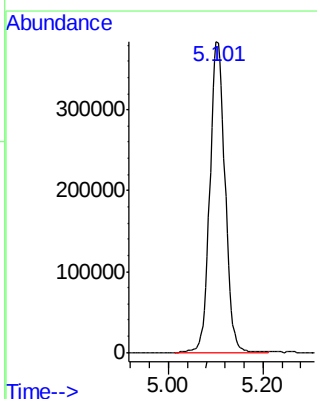
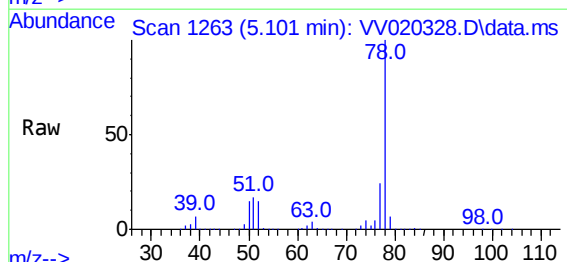
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

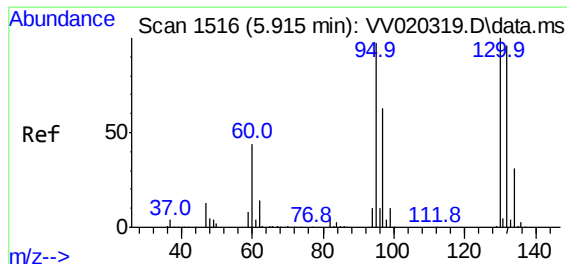
Tgt Ion:117 Resp: 292888
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 53.51 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 78 Resp: 849649

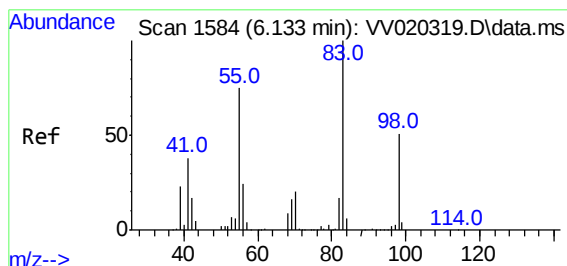
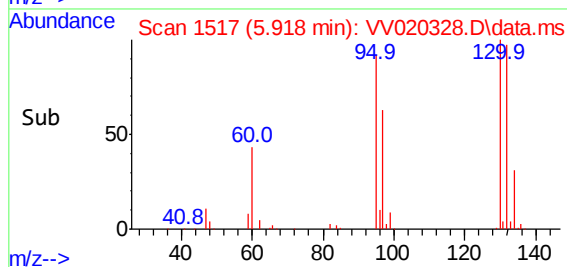
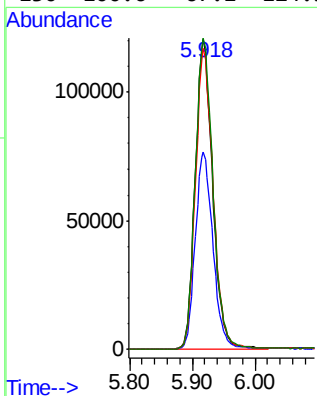
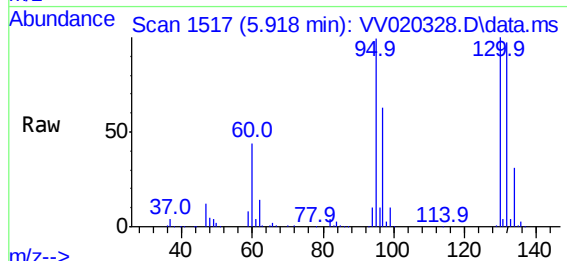




#34
Trichloroethene
Concen: 53.05 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

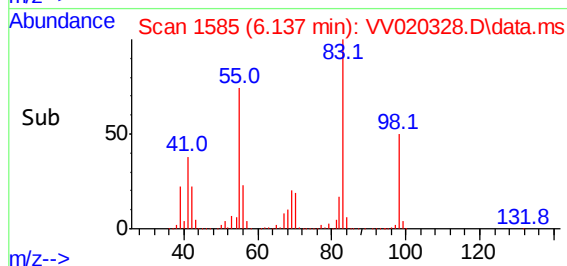
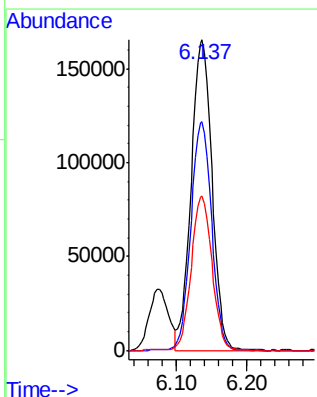
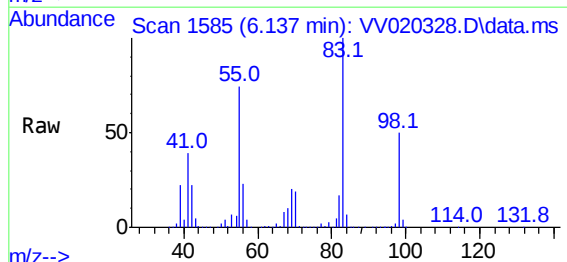
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

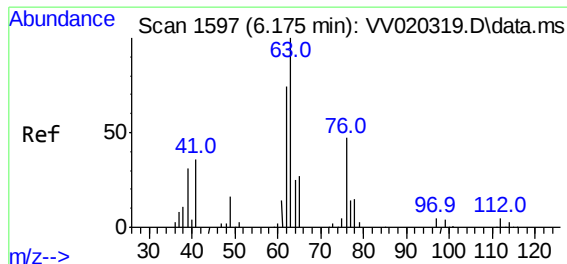
Tgt Ion: 95 Resp: 231471
Ion Ratio Lower Upper
95 100
97 63.6 44.5 82.7
132 97.2 63.4 117.8
130 100.6 67.1 124.5



#35
Methylcyclohexane
Concen: 51.36 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 83 Resp: 339260
Ion Ratio Lower Upper
83 100
55 73.6 65.1 97.7
98 49.7 38.2 57.2

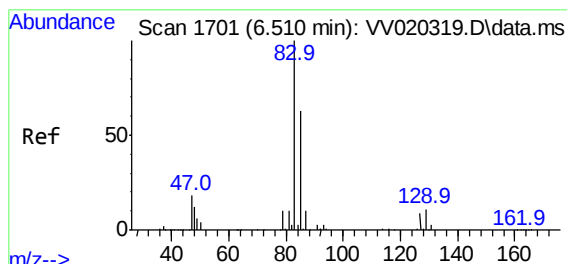
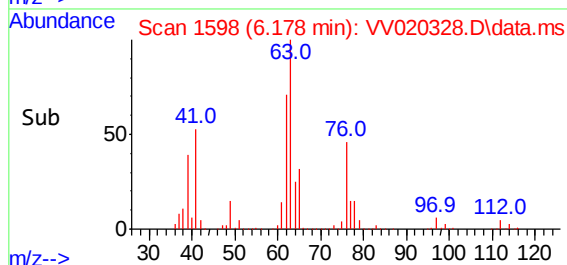
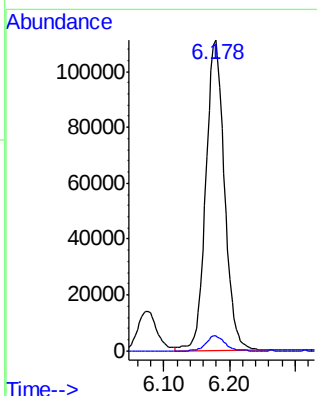
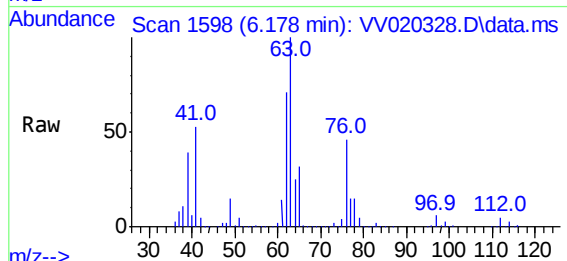




#37
1,2-Dichloropropane
Concen: 54.48 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

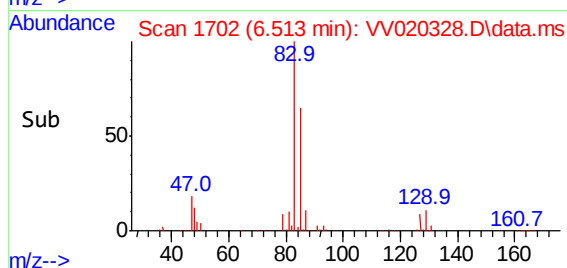
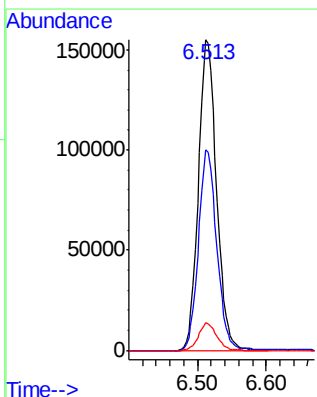
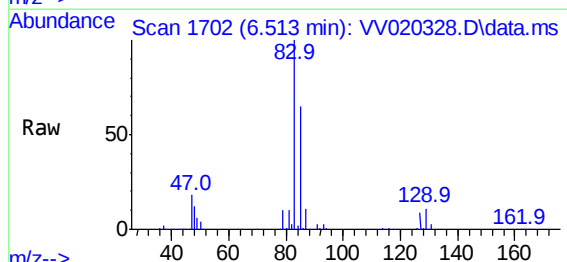
Instrument :
MSVOA_V
ClientSampled :
VSTD05096

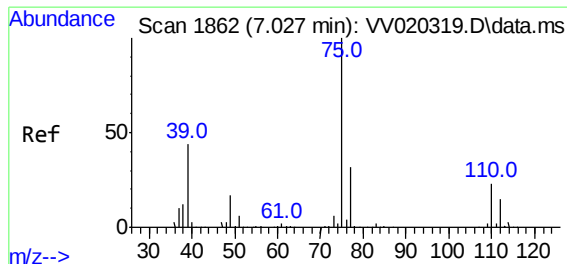
Tgt Ion: 63 Resp: 219105
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 51.36 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 83 Resp: 283900
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
127 8.8 6.3 9.5

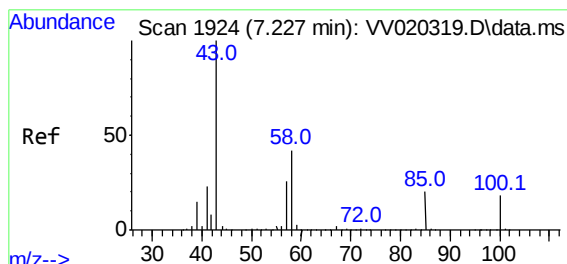
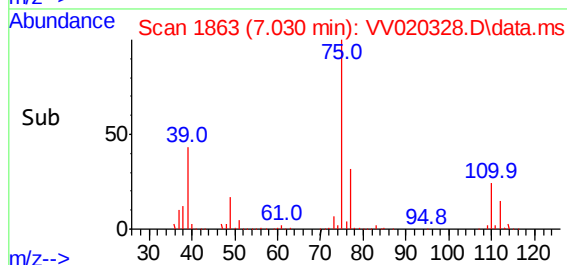
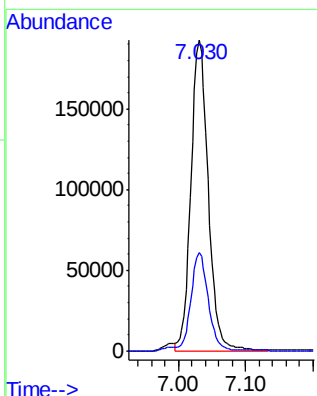
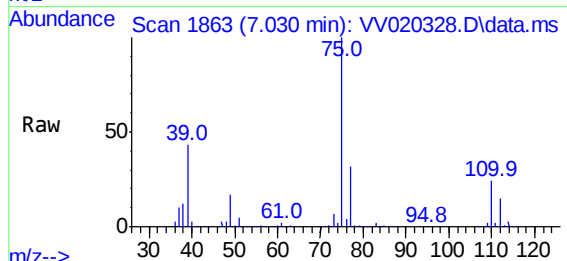




#39
cis-1,3-Dichloropropene
Concen: 53.51 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

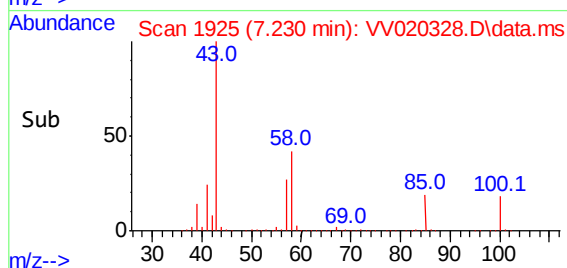
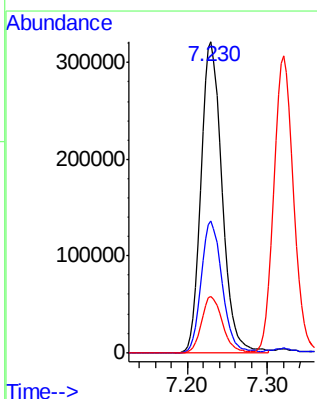
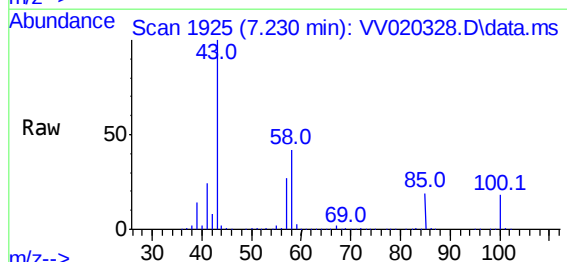
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

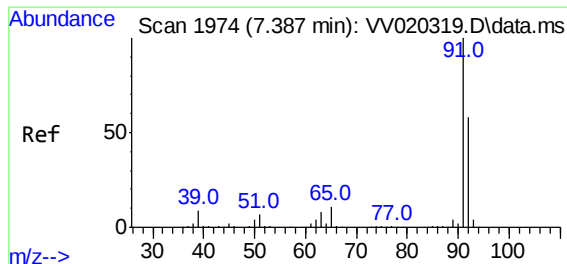
Tgt Ion: 75 Resp: 340755
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 110.81 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 43 Resp: 561900
Ion Ratio Lower Upper
43 100
58 42.1 30.7 46.1
100 17.7 11.6 17.4#

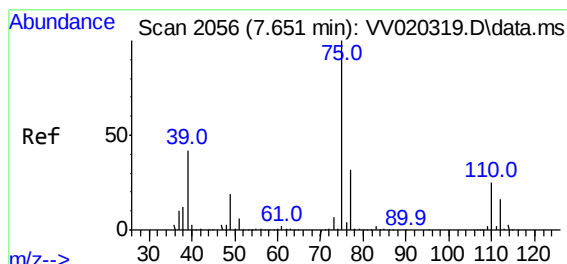
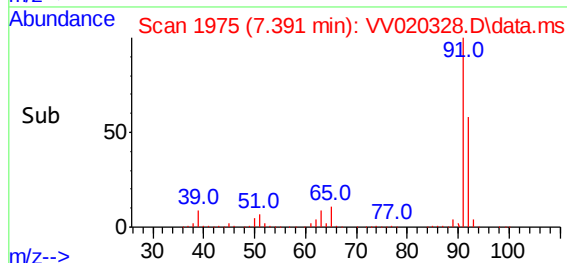
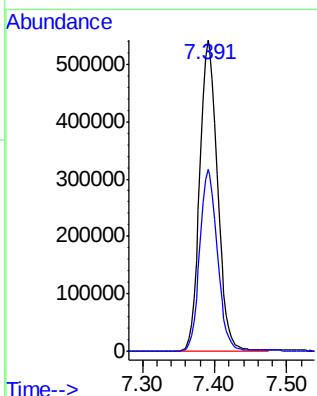
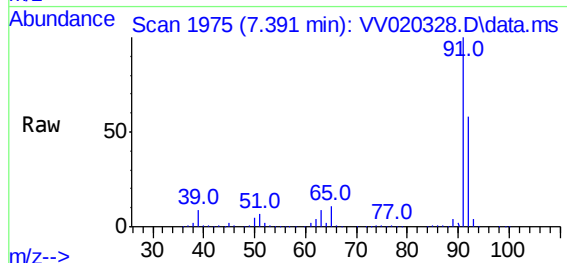




#42
Toluene
Concen: 52.82 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

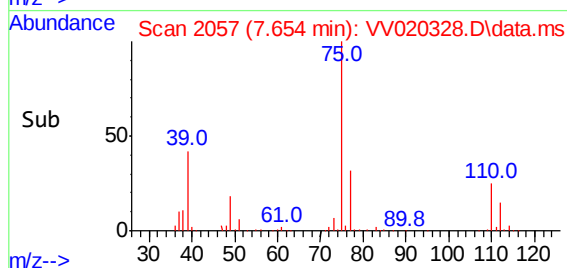
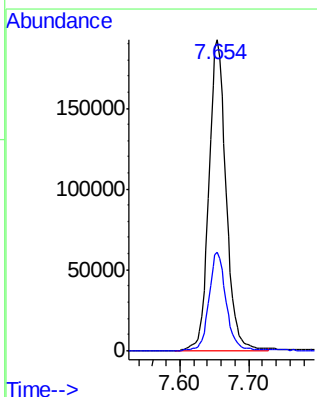
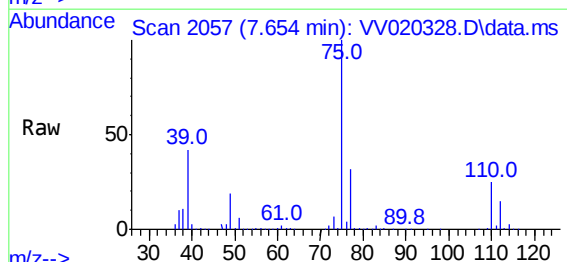
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

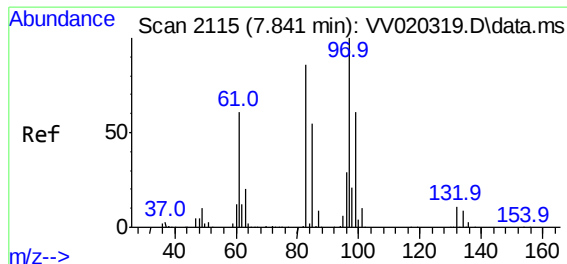
Tgt Ion: 91 Resp: 922467
Ion Ratio Lower Upper
91 100
92 58.4 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 53.44 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 75 Resp: 331015
Ion Ratio Lower Upper
75 100
77 31.7 22.0 41.0



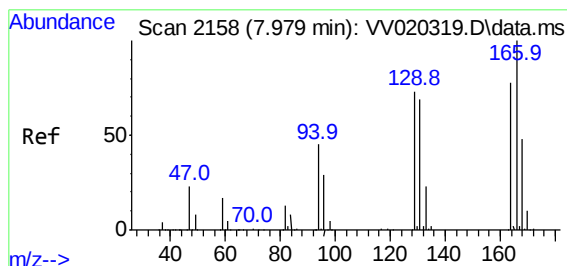
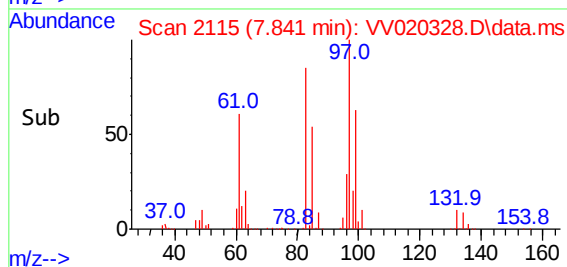
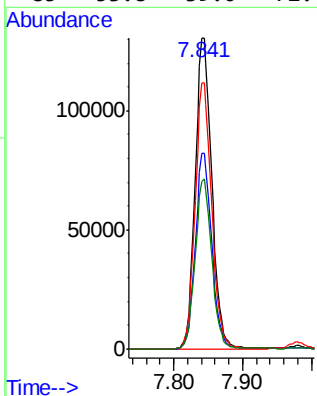
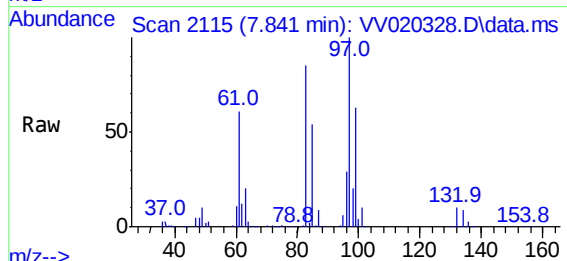


#45
1,1,2-Trichloroethane
Concen: 53.10 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion: 97 Resp: 219797

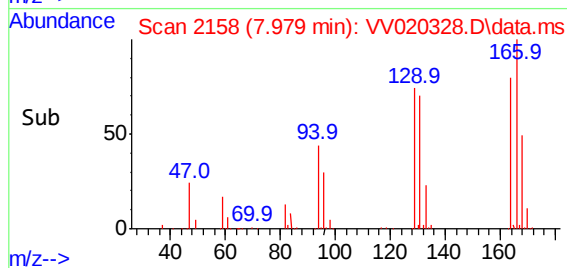
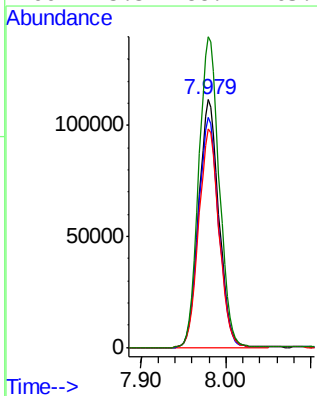
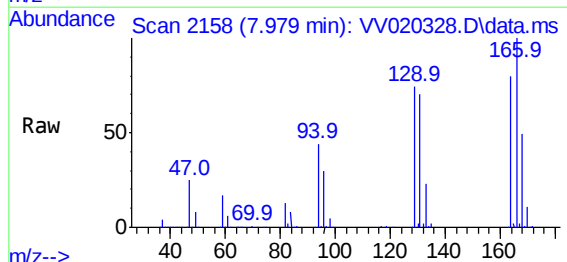
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.3
83	85.4	62.2	115.4
85	53.8	39.0	72.4

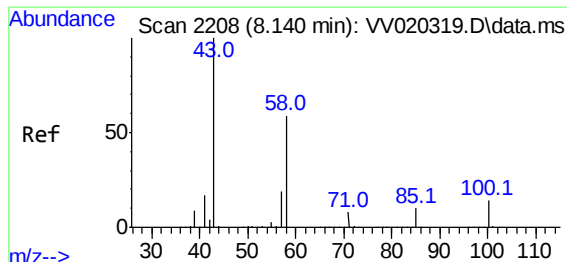


#46
Tetrachloroethene
Concen: 51.54 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 164 Resp: 183771

Ion	Ratio	Lower	Upper
164	100		
129	93.1	70.6	131.0
131	88.1	66.8	124.0
166	125.5	88.2	163.8

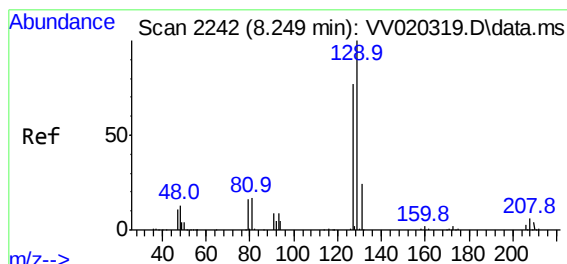
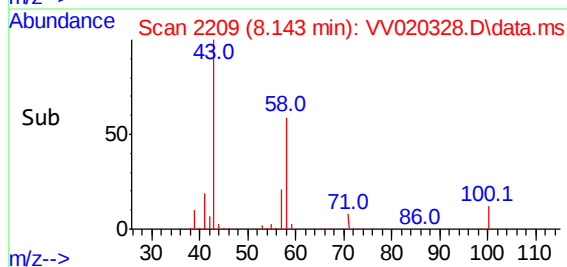
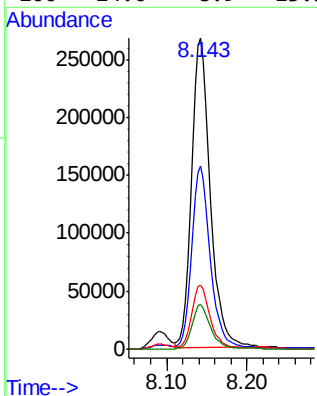
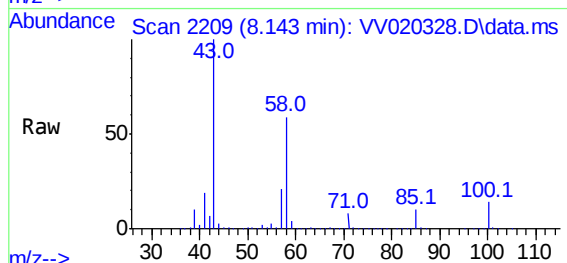




#48
2-Hexanone
Concen: 110.73 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

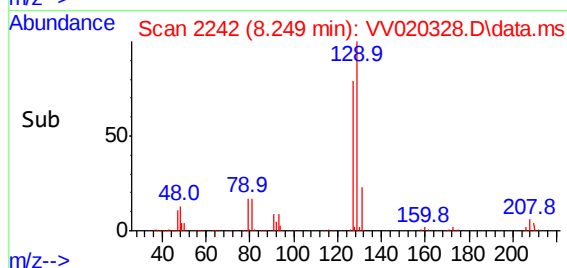
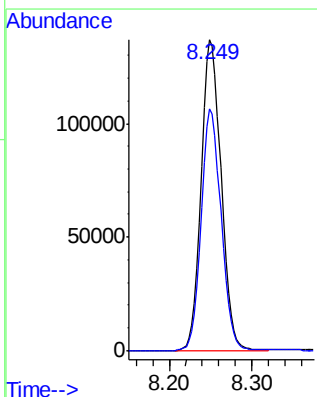
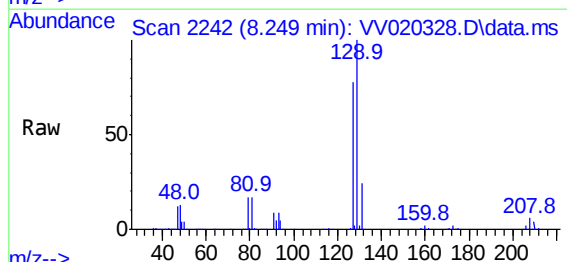
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

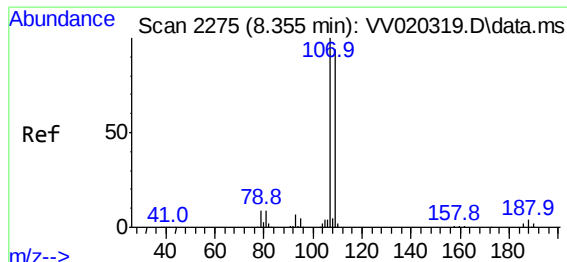
Tgt Ion: 43 Resp: 429592
Ion Ratio Lower Upper
43 100
58 58.8 41.8 62.6
57 20.4 15.0 22.4
100 14.0 8.9 13.3#



#49
Dibromochloromethane
Concen: 50.22 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:129 Resp: 229377
Ion Ratio Lower Upper
129 100
127 77.8 55.2 102.6

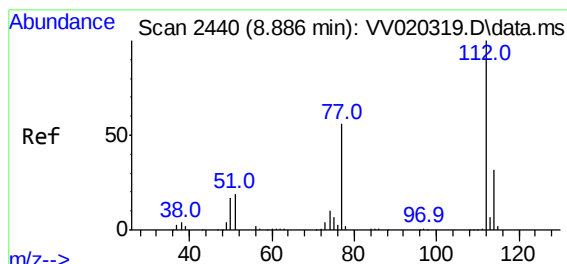
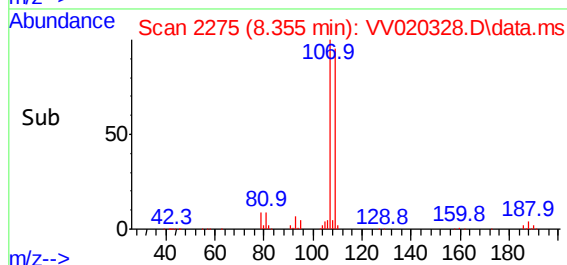
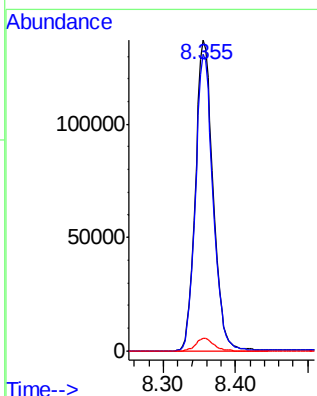
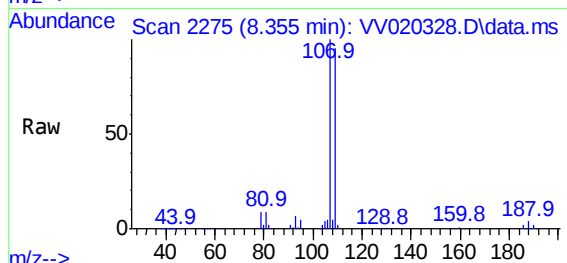




#50
1,2-Dibromoethane
Concen: 52.50 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

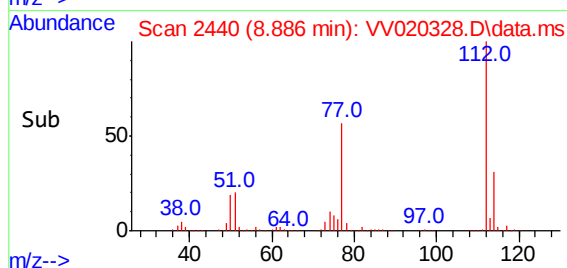
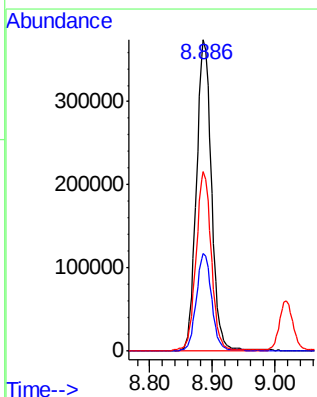
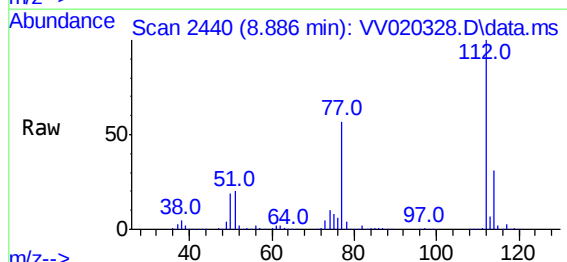
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

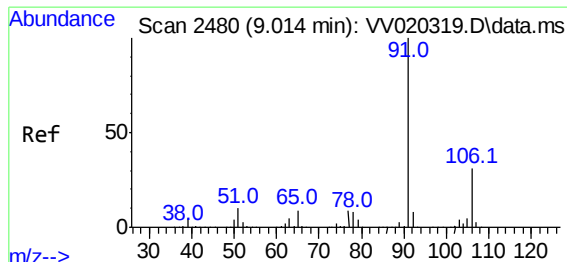
Tgt Ion:107 Resp: 232774
Ion Ratio Lower Upper
107 100
109 95.4 66.2 123.0
188 4.1 2.6 3.8#



#51
Chlorobenzene
Concen: 52.46 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:112 Resp: 614595
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 57.5 49.0 73.6

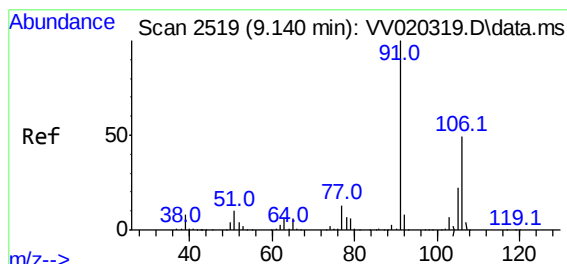
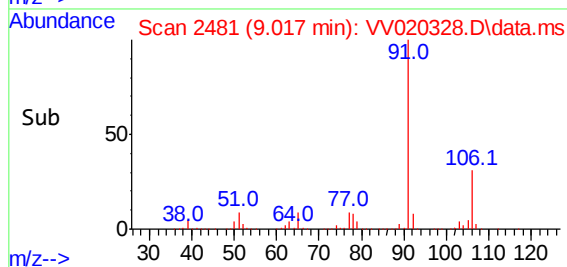
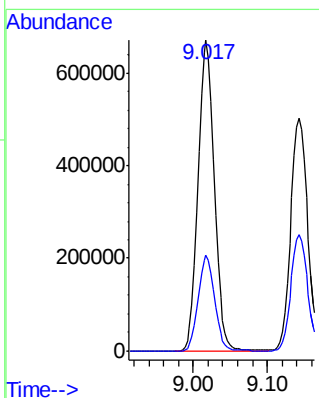
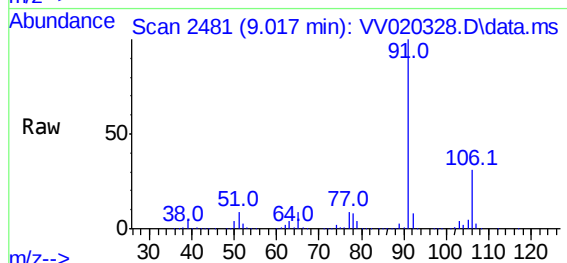




#52
Ethylbenzene
Concen: 53.35 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

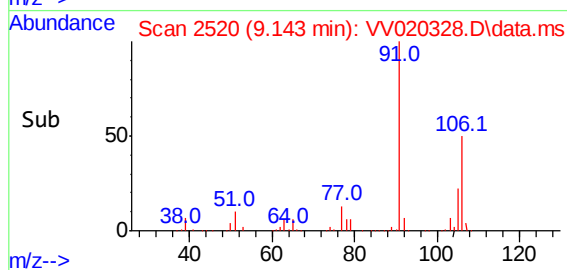
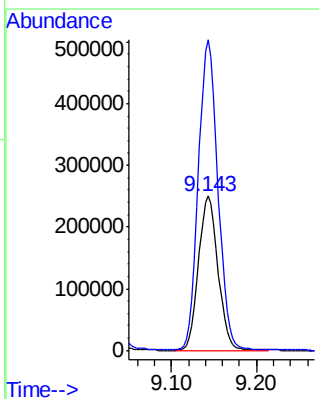
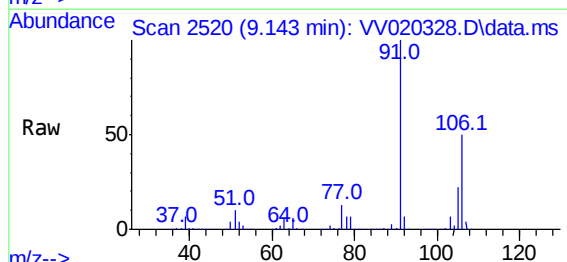
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

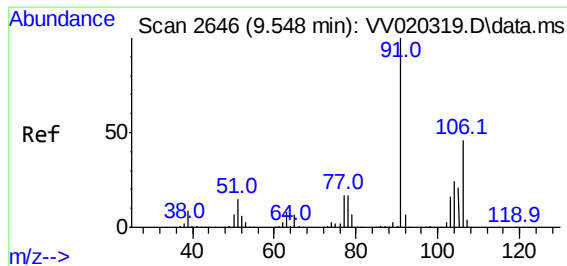
Tgt Ion: 91 Resp: 1029043
Ion Ratio Lower Upper
91 100
106 30.8 21.0 39.0



#53
m,p-Xylene
Concen: 53.83 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 106 Resp: 395377
Ion Ratio Lower Upper
106 100
91 201.1 148.1 275.0

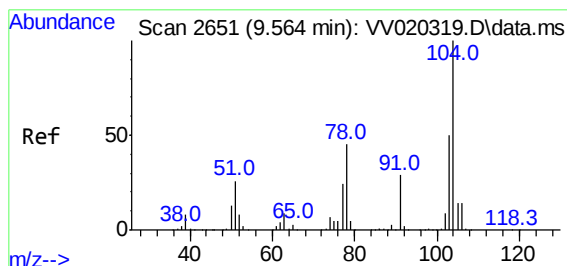
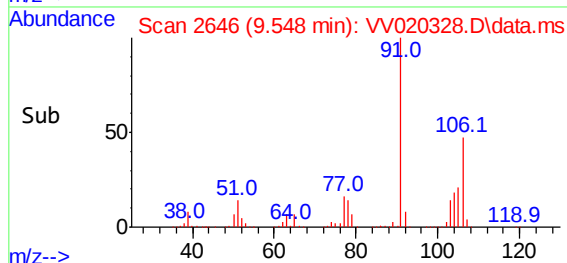
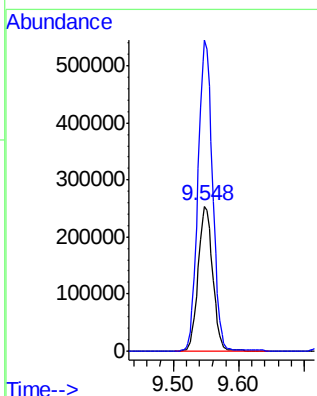
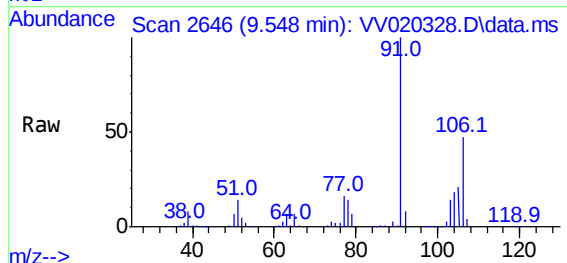




#54
o-xylene
Concen: 53.77 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

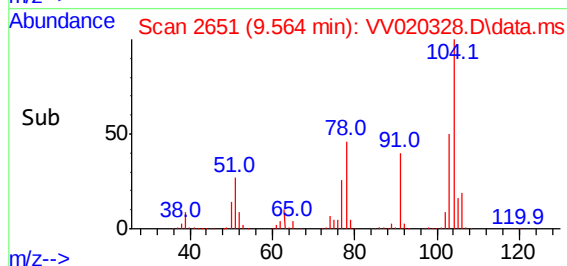
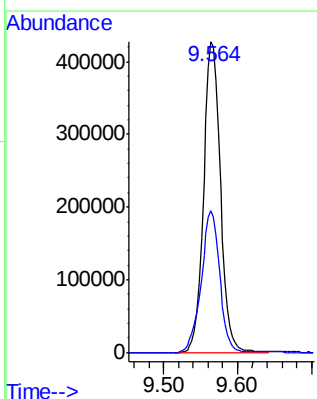
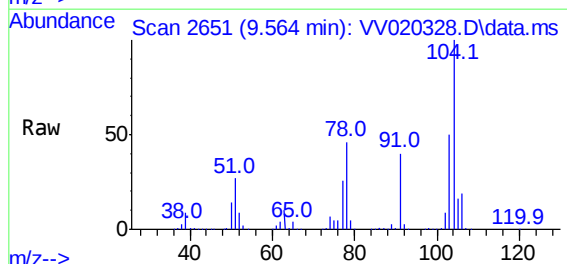
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

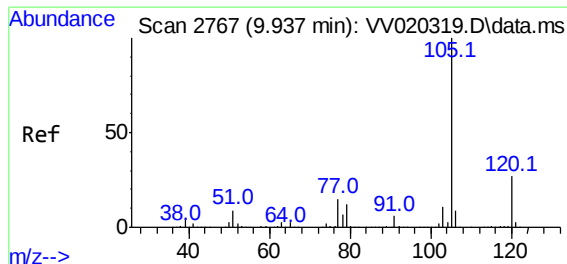
Tgt Ion:106 Resp: 384473
Ion Ratio Lower Upper
106 100
91 214.8 156.4 290.6



#55
Styrene
Concen: 54.80 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:104 Resp: 674311
Ion Ratio Lower Upper
104 100
78 45.6 33.7 62.5

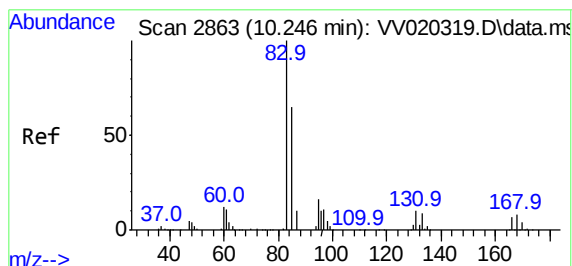
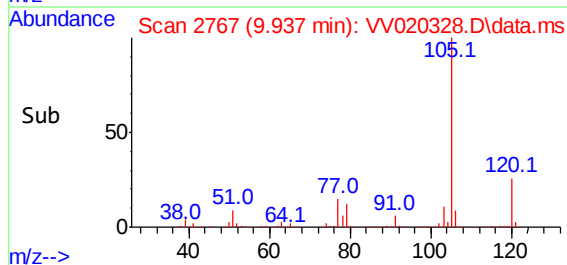
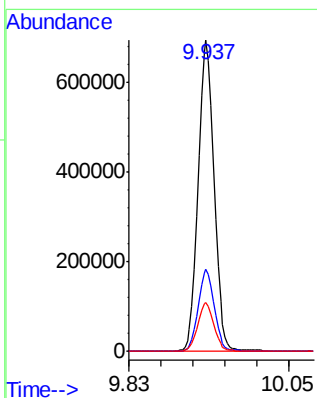
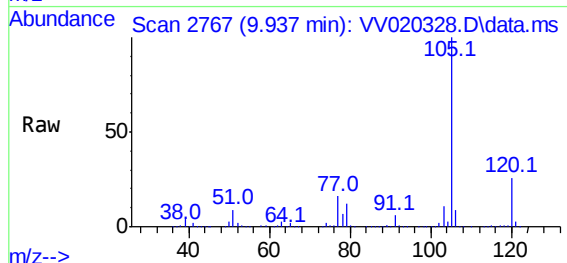




#56
Isopropylbenzene
Concen: 54.17 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

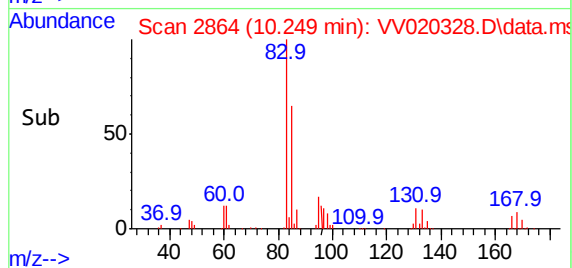
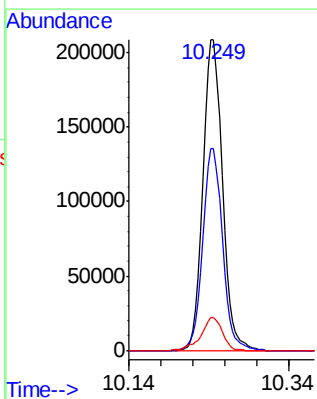
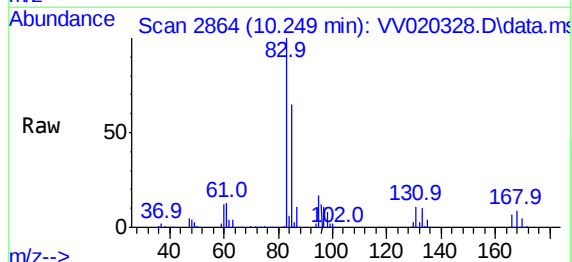
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

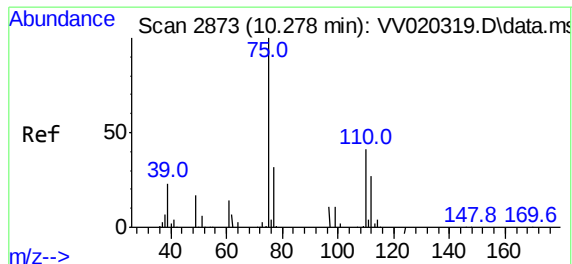
Tgt Ion:105 Resp: 1039397
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 15.6 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 51.96 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 83 Resp: 338843
Ion Ratio Lower Upper
83 100
85 65.0 44.3 82.3
131 10.5 7.3 10.9

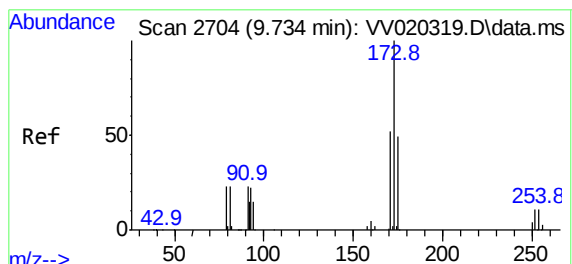
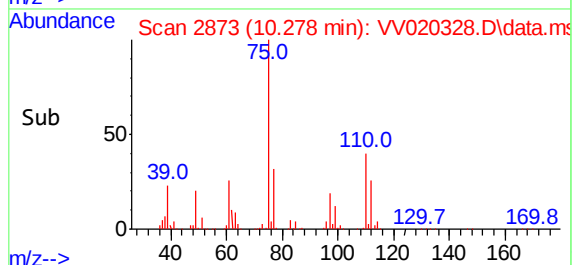
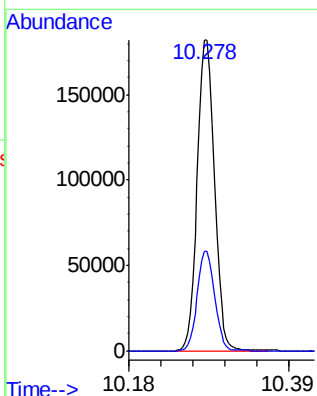
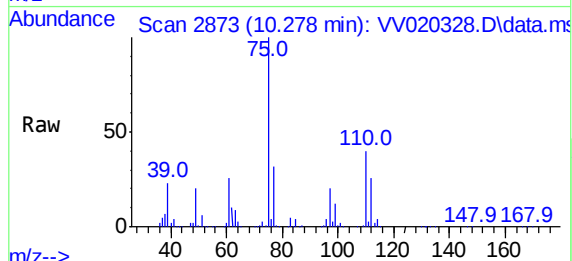




#59
1,2,3-Trichloropropane
Concen: 52.79 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

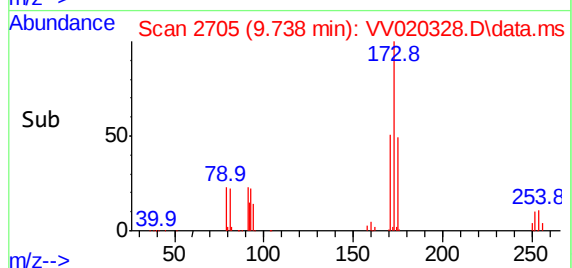
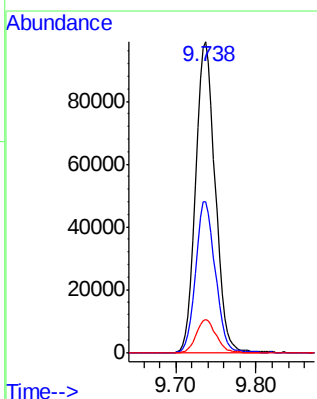
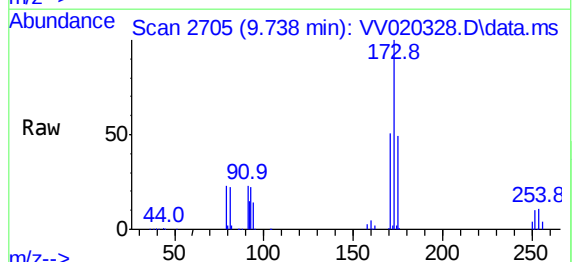
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

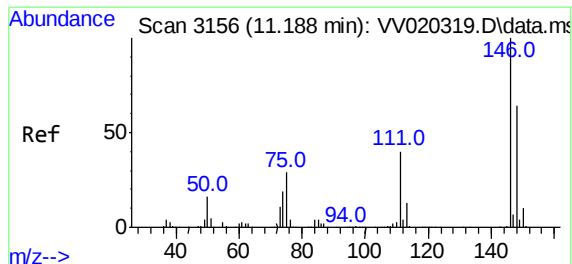
Tgt Ion: 75 Resp: 284647
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#61
Bromoform
Concen: 48.28 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:173 Resp: 162751
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 10.6 6.5 9.7#

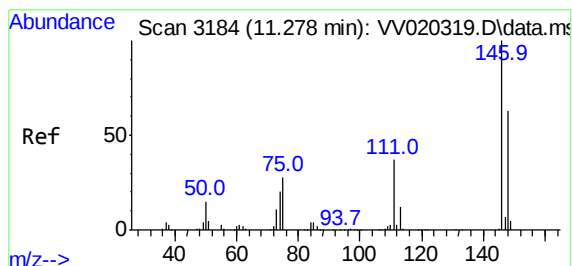
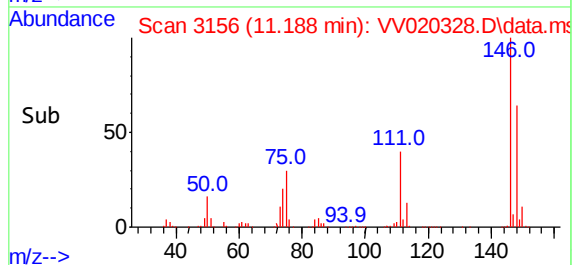
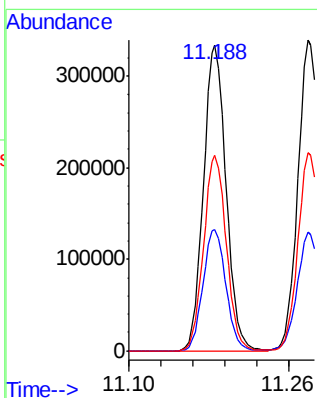
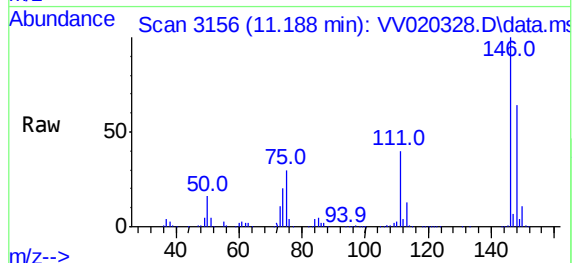




#62
1,3-Dichlorobenzene
Concen: 51.69 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

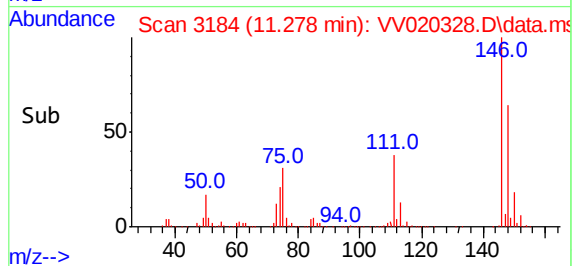
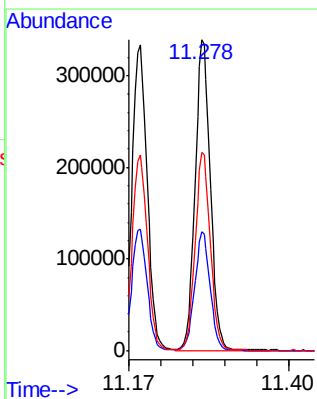
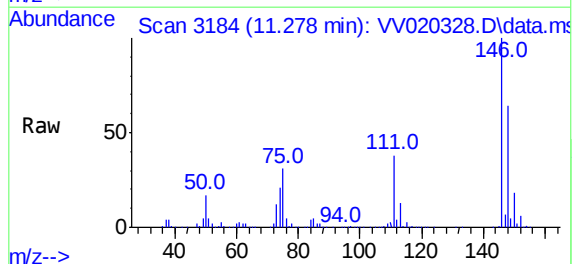
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

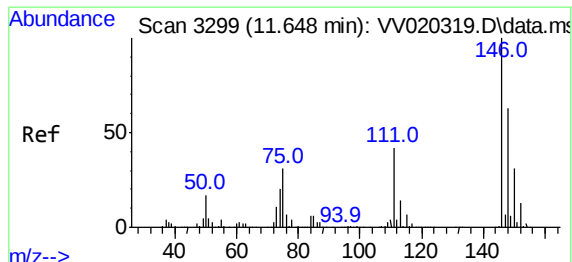
Tgt Ion:146 Resp: 506543
Ion Ratio Lower Upper
146 100
111 39.8 30.2 56.2
148 64.3 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 51.78 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:146 Resp: 520341
Ion Ratio Lower Upper
146 100
111 38.3 29.4 54.6
148 63.9 44.7 83.1

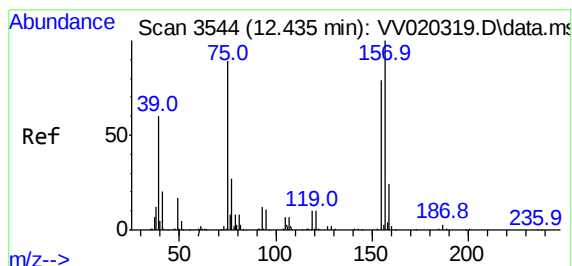
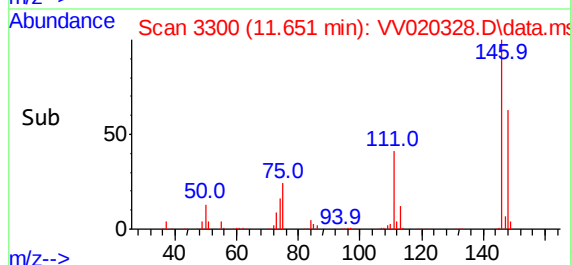
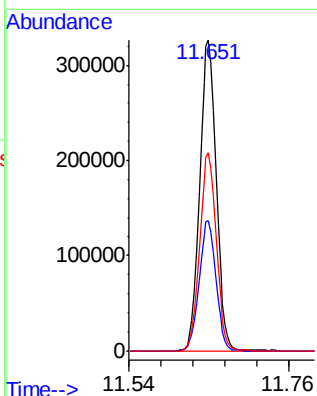
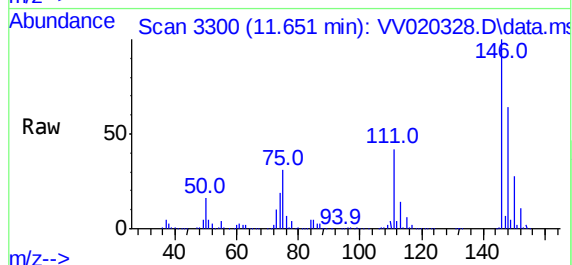




#65
1,2-Dichlorobenzene
Concen: 51.64 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

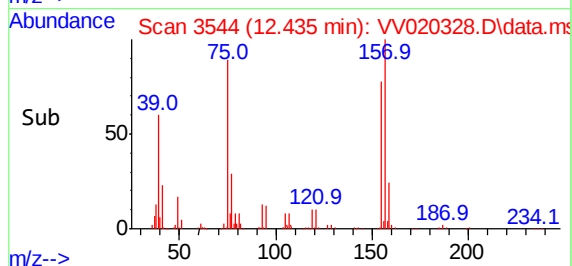
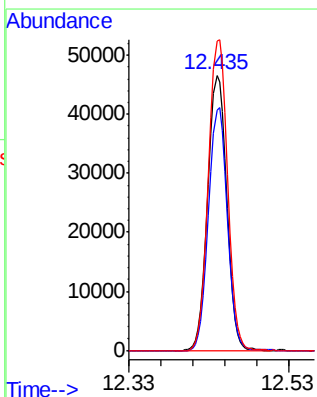
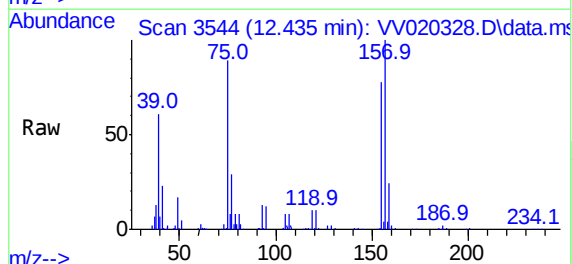
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

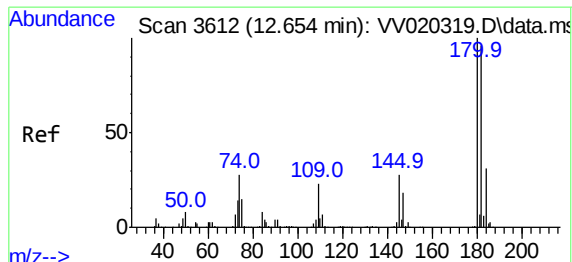
Tgt Ion:146 Resp: 505258
Ion Ratio Lower Upper
146 100
111 41.8 36.3 54.5
148 63.6 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 48.83 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion: 75 Resp: 73296
Ion Ratio Lower Upper
75 100
155 87.5 59.1 88.7
157 112.5 75.4 113.0

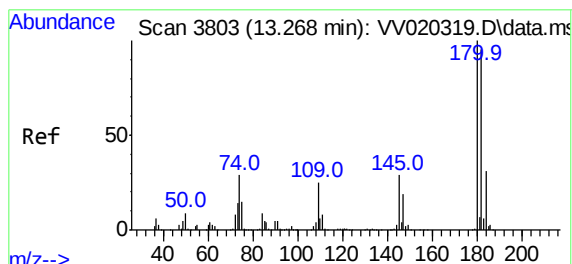
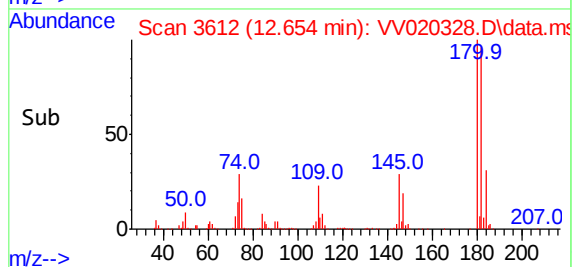
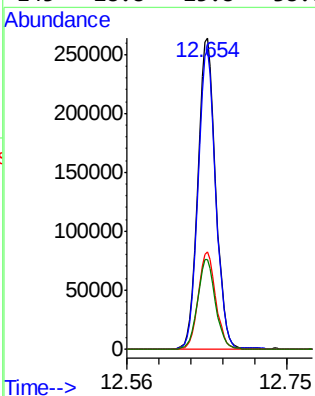
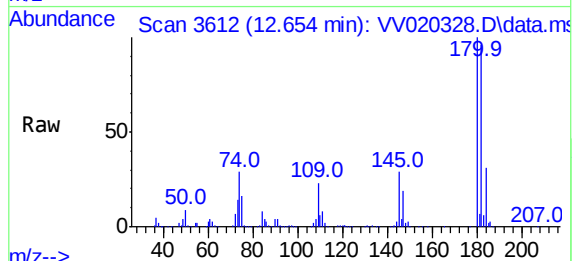




#67
1,3,5-Trichlorobenzene
Concen: 51.84 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

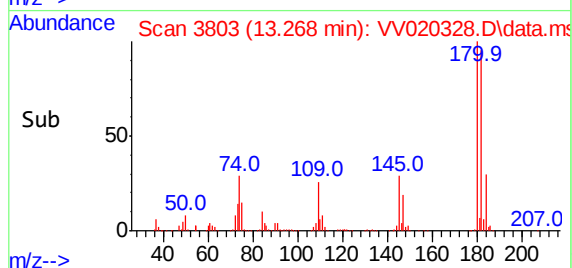
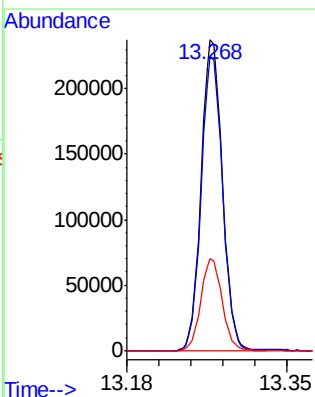
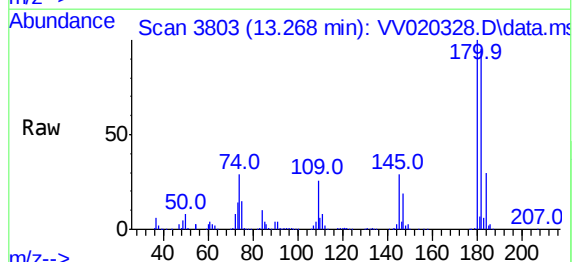
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

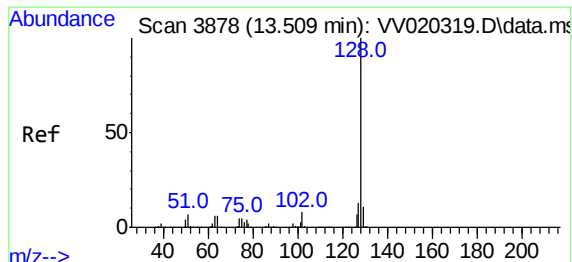
Tgt Ion:180 Resp: 396703
Ion Ratio Lower Upper
180 100
182 96.0 75.0 112.6
184 30.6 24.0 36.0
145 28.8 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 53.15 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:180 Resp: 360878
Ion Ratio Lower Upper
180 100
182 95.1 75.1 112.7
145 29.4 26.8 40.2

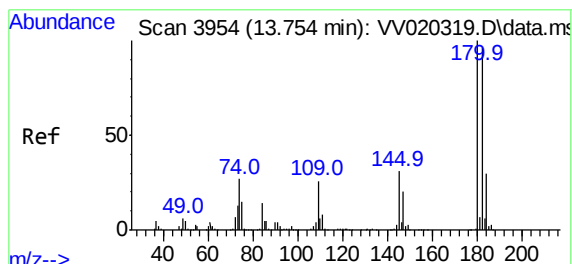
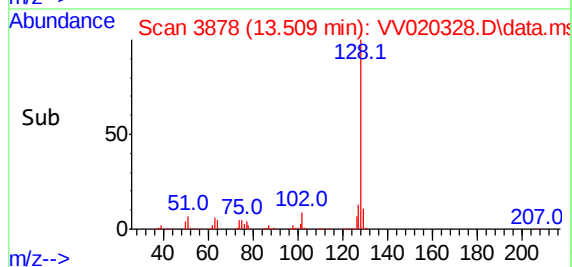
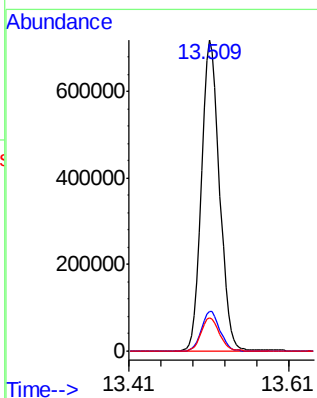
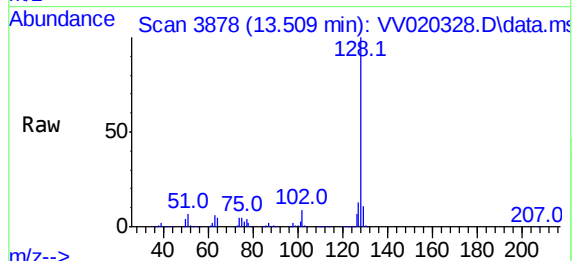




#69
Naphthalene
Concen: 56.49 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion:128 Resp: 1098416
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.97 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV020328.D
Acq: 15 Feb 2021 15:37

Tgt Ion:180 Resp: 358113
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 31.7 27.9 41.9

